AMERICAN JOURNAL
OF
OPHTHALMOLOGY™

VOLUME 92
JULY—DECEMBER, 1981

FRANK W. NEWELL, *Publisher and Editor-in-Chief*
Tribune Tower, Suite 1415, Chicago, Illinois 60611

EDITORIAL BOARD

THOMAS M. AABERG, *Milwaukee*
MATHEA R. ALLANSMITH, *Boston*
DOUGLAS R. ANDERSON, *Miami*
CHARLES J. CAMPBELL, *New York*
RONALD E. CARR, *New York*
CLAES H. DOHLMAN, *Boston*
FRED EDERER, *Bethesda*
EUGENE HELVESTON, *Indianapolis*
FREDERICK A. JAKOBIEC, *New York*
HERBERT E. KAUFMAN, *New Orleans*
STEVEN G. KRAMER, *San Francisco*
CARL KUPFER, *Bethesda*
IRVING H. LEOPOLD, *Irvine*
ROBERT MACHEMER, *Durham*
A. EDWARD MAUMENEE, *Baltimore*
IRENE H. MAUMENEE, *Baltimore*
EDWARD W. D. NORTON, *Miami*
G. RICHARD O'CONNOR, *San Francisco*
ARNALL PATZ, *Baltimore*
DEBORAH PAVAN-LANGSTON, *Boston*
STEVEN M. PODOS, *New York*
STEPHEN J. RYAN, *Los Angeles*
DAVID SHOCH, *Chicago*
BRUCE E. SPIVEY, *San Francisco*
BRADLEY R. STRAATSMA, *Los Angeles*
H. STANLEY THOMPSON, *Iowa City*
GUNTER K. VON NOORDEN, *Houston*
GEORGE O. WARING, *Atlanta*

CONSULTING BOARD

CROWELL BEARD, *San Jose*
BERNARD BECKER, *St. Louis*
BENJAMIN F. BOYD, *Panama*
THOMAS CHALKLEY, *Chicago*
DUPONT GUERRY III, *Richmond*
ROBERT W. HOLLENHORST, *Rochester*
ARTHUR H. KEENEY, *Louisville*
ALBERT M. POTTS, *Louisville*
ALGERNON B. REESE,† *New York*
MARVIN L. SEARS, *New Haven*

†Died Oct. 19, 1981.

H. STANLEY THOMPSON, *Associate Editor*

MARY L. BORYSEWICZ, *Executive Managing Editor*

COLLABORATORS

RONALD F. LOWE, *Melbourne, Australia,* AND E. LEE STOCK, *Chicago*

PUBLISHED MONTHLY BY THE OPHTHALMIC PUBLISHING COMPANY
Tribune Tower, Suite 1415, Chicago, Illinois 60611

The following scientific referees contributed generously of their knowledge, expertise, and time to review and to evaluate the suitability of typescripts submitted for publication to THE AMERICAN JOURNAL OF OPHTHALMOLOGY between November 1, 1980, and October 31, 1981. The Editorial Board is ever mindful of their generous contribution to the integrity and accuracy of THE JOURNAL.

DANIEL M. ALBERT
MATHEW ALPERN
JORGE ALVARADO
WILLIAM ANNESLEY
JACK P. ANTEL
LEONARD APT
MANSOUR ARMALY
JULES L. BAUM
MARC O. BEEM
DONALD O. BENSON
ELIOT L. BERSON
ERNEST BEUTLER
PERRY S. BINDER
GEORGE W. BLANKENSHIP
WILLIAM M. BOURNE
FREDERICK S. BRIGHTBILL
ROBERT J. BROCKHURST
STUART I. BROWN
RICHARD F. BRUBAKER
ALFRED A. BUCK
RONALD M. BURDE
ALSTON CALLAHAN
DAVID G. CAMPBELL
H. DWIGHT CAVANAGH
DEVRON H. CHAR
STEVEN T. CHARLES
HENRY M. CLAYMAN
GILBERT W. CLEASBY
DAVID G. COGAN
BEN Z. COHEN
D. JACKSON COLEMAN
JAMES CORBETT
TULLOS O. COSTON
TERRY A. COX
BRIAN J. CURTIN
ROBERT DAROFF
MATTHEW D. DAVIS
CHANDLER R. DAWSON
KENNETH R. DIDDIE
ANTHONY DONN
ROBERT C. DREWS
THOMAS D. DUANE
LEE R. DUFFNER
MICHAEL P. DUTRO
MARTIN EHRENBERG
DAVID E. EIFRIG
PHILLIP P. ELLIS
VICTOR M. ELNER
SKIP ELSAS
JAY M. ENOCH
LAWRENCE S. EVANS
TIBOR G. FARKAS
ANDREW P. FERRY
CARL L. FETKENHOUR
BEN S. FINE
ROBERT Y. FOOS
RICHARD K. FORSTER
C. STEPHEN FOSTER
FREDERICK T. FRAUNFELDER
JEROME K. FREEDMAN
MARCEL FRENKEL
ALAN H. FRIEDMAN
KARL J. FRITZ
J. DONALD M. GASS
ANTONIO R. GASSET
RONALD N. GASTER
JOEL S. GLASER
SEYMOUR B. GOREN
W. MORTON GRANT
W. RICHARD GREEN
JACK V. GREINER
CLIFFORD W. GURNEY
FRONCIE A. GUTMAN
WILLIAM S. HAGLER
JAVAD HEKMATPANAH
JOHN W. HENDERSON
ROBERT S. HEPLER
AHMAD HIDAYAT
MAX HIRSCHFELDER
LAWRENCE W. HIRST
HELEN M. HITTNER
BARTON L. HODES
KENNETH J. HOFFER
ALBERT HORNBLASS
H. DUNBAR HOSKINS, JR.
CREIG S. HOYT
WILLIAM F. HOYT
ROBERT A. HYNDIUK
A. RODMAN IRVINE
NORMAN S. JAFFE
LEE M. JAMPOL
ARTHUR J. JAMPOLSKY
CHRIS A. JOHNSON
ROYCE O. JOHNSON
GLEN P. JOHNSTON
DAN B. JONES
MURIEL I. KAISER-KUPFER
ROBERT E. KALINA
MICHAEL A. KASS
PAUL L. KAUFMAN
THOMAS P. KEARNS
JOHN L. KELTNER
KENNETH R. KENYON
JOSEPH KIERNAN
JIN KINOSHITA
HAROLD Q. KIRK
HARVEY Z. KLEIN
ALLAN E. KOLKER
JAY H. KRACHMER
THEODORE KRUPIN
PETER R. LAIBSON
MAURICE E. LANGHAM
WILLIAM E. LAYDEN
HOWARD M. LEIBOWITZ
FRANCIS A. L'ESPERANCE
ALBERT LEVEILLE
HARVEY A. LINCOFF
HUNTER L. LITTLE
ALLAN L. LORINCZ
MARTIN MAINSTER
MICHAEL F. MARMOR
ROBERT W. MASSOF
FREDERICK MAUSOLF
MALCOLM A. MCCANNEL
JAMES P. MCCULLEY
JAMES E. MCDONALD
P. ROBB MCDONALD
J. WALLACE MCMEEL
SAMUEL D. MCPHERSON, JR.
JOHN C. MERRITT
RONALD G. MICHELS
NEIL MILLER
DONALD S. MINCKLER
BARTLY J. MONDINO
PETER H. MORSE
ROBERT A. MOSES
NANCY NEWMAN
DON H. NICHOLSON
JOSEPH NOVAK
FRANK E. O'DONNELL
RICHARD B. O'GRADY
EDWARD OKUN
RANDALL J. OLSON
H. BRUCE OSTLER
MARSHALL M. PARKS
CHARLES D. PHELPS
JOEL POKORNY
FRANK M. POLACK
IRVIN P. POLLACK
RONALD C. PRUETT
ALLEN M. PUTTERMAN
HARRY A. QUIGLEY
ROBERT C. RAMSAY
RAYMOND E. RECORDS
VINCENT M. RICCARDI
HARRIS RIPPS
ROBERT RITCH
DENNIS M. ROBERTSON
MERLYN M. RODRIGUES
MELVIN E. RUBIN
JAMES A. RUSH
ARAN SAFIR
DAVID J. SCHANZLIN
HOWARD SCHATZ
HAROLD G. SCHEIE
CHARLES L. SCHEPENS
THEODORE F. SCHLAEGEL, JR.
ALAN B. SCOTT
JERRY A. SHIELDS
M. BRUCE SHIELDS
RONALD E. SMITH
VIVIANNE C. SMITH
GILBERT SMOLIN
DANIEL SNYDACKER
ALFRED SOMMER
HAROLD F. SPALTER
WILLIAM H. SPENCER
PAUL STARK
WALTER J. STARK
DAVID I. STEIN
E. LEE STOCK
H. SAUL SUGAR
HUGH R. TAYLOR
BJORN THYLEFORS
FELIPE TOLENTINO
JONATHAN D. TROBE
STEPHEN TROKEL
MARK O. M. TSO
EVERETT R. VEIRS
STEVEN R. WALTMAN
ROBERT C. WATZKE
GEORGE W. WEINSTEIN
HAROLD H. WEISSMAN
JOHN J. WEITER
ROBERT B. WILKINS
J. REIMER WOLTER
MICHAEL E. YABLONSKI
MYRON YANOFF
ROBERT D. YEE
LORENZ E. ZIMMERMAN
THOM J. ZIMMERMAN

SUBJECT INDEX

Note: Abstract Index follows Author Index

A

Abducent nerve
Sixth nerve palsy complicating percutaneous thermal ablation of the trigeminal nerve rootlet, 225
Acetazolamide
Separate and combined effects of timolol maleate and acetazolamide in open-angle glaucoma, 788
Acetylcholine
Gradual increase in the sensitivity of extraocular muscles to acetylcholine during topical treatment of rabbit eyes with isofluorophate, 259
Acyclovir
Acyclovir and vidarabine in the treatment of ulcerative herpes simplex keratitis, 829
Adduction palsy
Addiction palsy and synergistic divergence (Corr.), 299
Adenocarcinoma
Adenocarcinoma of the corneoscleral limbus, 580
Mucinous sweat gland adenocarcinoma of the eyelid, 183
Adenovirus
Stevens-Johnson syndrome associated with adenovirus conjunctivitis, 543
Afferent pupillary defect
Afferent pupillary defect in macular degeneration, 396
Relative afferent pupillary defects in optic neuritis, 685
Albinism
Oculocutaneous albinism and corneal mesodermal dysgenesis (Corr.), 587
Oculocutaneous albinism with Axenfeld's anomaly (Corr.), 133
Amblyopia
New clinical aspects of stimulus deprivation amblyopia, 416
Photo-induced convulsion after using the Translid Binocular Interactor, 279
Quantification, natural course, and surgical results in 57 eyes with Marcus Gunn (jaw-winking) syndrome, 702
Treatment of congenital glaucoma, 799
Amine
Amines in the subretinal fluid and aqueous, 672
Amyloidosis
Complete ophthalmoplegia secondary to amyloidosis associated with multiple myeloma, 221
Primary familial amyloidosis of the cornea, 732
Anemia
Chloramphenicol and aplastic anemia (Corr.), 870
Anesthesia
Malignant hyperthermia syndrome, 461
Aphakia
Fungal growth in aphakic soft contact lenses (Corr.), 591
Aqueous
Amines in the subretinal fluid and aqueous, 672
Aqueous humor dynamics in a series of patients with third neuron Horner's syndrome, 407
The conventional outflow resistances, 804
Arylsulfatase A
Retinal pigment epithelial degeneration and arylsulfatase A deficiency (Corr.), 136
***Aspergillus* sp.**
Fungal growth in aphakic soft contact lenses (Corr.), 591
Astigmatism
Correction of temporary postoperative astigmatism, 576
Astrocytoma
Pilocytic astrocytoma of the optic nerve with hemorrhage and extreme cystic degeneration, 691
Axenfeld's anomaly
Oculocutaneous albinism and corneal mesodermal dysgenesis (Corr.), 587
Oculocutaneous albinism with Axenfeld's anomaly (Corr.), 133

B

Basal cell carcinoma
Pigmented basal cell carcinoma of the eyelids, 193
Blepharoptosis
Quantification, natural course, and surgical results in 57 eyes with Marcus Gunn (jaw-winking) syndrome, 702
Blindness
Coping with visual impairment (Edit.), 743
Blowout fracture
Blowout fracture of the orbit (Corr.), 592
B lymphocyte
T and B lymphocytes in ocular cicatricial pemphigoid, 536
Book Reviews
Adams, R. D., and Victor, M.: Principles of Neurology, 2nd ed. (JAY, W.), 747
Ali, M. A. (ed.): Revue Canadienne de Biologie. Symposium on Neurological Aspects of the Visual System, 876
Ashworth, B., and Isherwood, I.: Clinical Neuro-ophthalmology (NEWMAN, N.), 442
Astbury, E. C.: Casey Wood. A Bio-Bibliography (NEWELL, F. W.), 139
Bloemendal, H.: Molecular and Cellular Biology of the Eye Lens (COTLIER, E.), 595
Constable, I. J., and Lim, A. S. M.: Laser. Its Clinical Uses in Eye Disease (EHRENBERG, M.), 872
Duncan, G.: Mechanisms of Cataract Formation in the Human Lens (TAYLOR, H. R.), 748
Ellis, P. P.: Ocular Therapeutics and Pharmacology (FRAUNFELDER, F. T.), 744
Enoch, J. M., Fitzgerald, C. R. and Campos, E. C.: Quantitative Layer By Layer Perimetry (NEWMAN, N.), 140
Eye Health in South-East Asia. Vol. 1. Eye Health in Six Countries of the South-East Asia Region, May 1976; Vol. 2. Strategy for Restoring Sight to the Curable Blind, September, 1978; Vol. 3. Relief Cataract Services in the South-East Asia Region, March, 1981 (SOMMER, A.), 745
Fonda, G. E.: Management of Low Vision (MILLER, D.), 594
Gombos, G. M., and Slavin, M. L.: Medical Examination Review. Ophthalmology (KIERNAN, J. P.), 300
Harrington, D. O.: The Visual Field. A Textbook and Atlas of Clinical Perimetry, 5th ed. (JAY, W.), 597
Helmsen, R. J., Suran, A. A., Gery, I., and Nussenblatt, R. B. (eds.): Immunology of the Eye. Workshop II. Autoimmune Phenomena and Ocular Disorders (NEWELL, F. W.), 746
Hurvich, L. M.: Color Vision (SMITH, V. C., and POKORNY, J.), 594
Keeping Our Future In Sight. Proceedings of the 1980 National Conference of the National Society to Prevent Blindness, 874
King, J. H., Jr., and Wadsworth, J. A. C.: Atlas of Ophthalmic Surgery (FRAUNFELDER, F. T.), 300
Krohel, G. B., Stewart, W. B., and Chavis, R. M.: Orbital Disease. A Practical Approach (JAKOBIEC, F. A.), 593
Leflar, R. B., and Lillie, H.: Cataracts. A Consumers' Guide to Choosing the Best Treatment (HIRSCHFELDER, M.), 747
Marmour, M. F., and Zinn, K. M.: Retinal Pigment Epithelium (DIDDIE, K. R.), 595
Michaelson, I. C.: Textbook of the Fundus of the Eye, 3rd ed. (MORSE, P. H.), 597
Nover, A.: Ocular Fundus. Methods of Examination and Typical Findings (EHRENBERG, M.), 443
Olmos, E., and Roy, F. H.: Intraocular Lenses (FRITZ, K. J.), 873
Proctor Symposium on Clinical Management of Infectious Diseases of the Eye, 598
Smith, B. C., and Nesi, F. A.: Practical Techniques in Ophthalmic Plastic Surgery (WILKINS, R. B.), 873
Steinberg, G. M., Gery, I., and Nussenblatt, R. B. (eds.): Immunology of the Eye. Workshop I. Immunogenetics and Transplantation Immunity (NEWELL, F. W.), 746
Stone, J.: Wholemount Handbook. A Guide to the Preparation and Analysis of Retinal Wholemounts (KEENEY, A. H.), 596
Straub, W. (ed.): Developments in Ophthalmology. Vol. 3. Current Genetic, Clinical, and Morphologic Problems, 749
Straub, W. (ed.): Developments in Ophthalmology. Vol. 4. Metabolic Disorders; Methods of Examination, 874
Straub, W. (ed.): Developments in Ophthalmology. Vol. 2. Current Concepts in Diagnosis and Treatment of Vitreoretinal Diseases. 12th Meeting of the Club Jules Gonin, March, 1980, 874
Suran, A. A., Gery, I. and Nussenblatt, R. B. (eds.): Immunology of the Eye. Workshop III. Immunologic Aspects of Ocular Diseases. Infection, Inflammation, and Allergy (NEWELL, F. W.), 746

Symposium on Glaucoma. Transactions of the New Orleans Academy of Ophthalmology, 301
United States Pharmacopeia Dispensing Information, 1981 (FRAUNFELDER, F. T.), 139
Verriest, G., and Hermans, G.: Vue et Profession. Le Aptitudes Visuelles Professionnelles (FRENKEL, M.), 301
Bromhexine
Influence of bromhexine on tear lysozyme level in keratoconjunctivitis sicca, 21
B-Wave
Effects of intraocular irrigating solutions on the electroretinographic b-wave, 28

C

***Campylobacter* sp.**
Campylobacter gastroenteritis (Corr.), 129
Canaliculus
Rapid recurrence of papillary squamous cell carcinoma of the canaliculus, 363
Canthus
Correction of anteriorly displaced medial canthus by tendon retropositioning, 846
Carcinoma
Pigmented basal cell carcinoma of the eyelids, 193
Rapid recurrence of papillary squamous cell carcinoma of the canaliculus, 363
Simultaneous bilateral iris metastases from renal cell carcinoma, 206
Cataract
Diabetes and senile cataract (Corr.), 134
Easy-to-make disposable irrigation-aspiration cannula, 432
Fluorescein angiographic study of cystoid macular edema, 775
Central retinal artery
Intimo-intimal intussusception of the central retinal artery, 486
Chiasm
Traumatic chiasmal syndrome associated with pneumocephalus and sellar fracture, 233
Chloramphenicol
Chloramphenicol and aplastic anemia (Corr.), 870
Chordoma
Orbital invasion by an intracranial chordoma, 7
Choroid
Bilateral choroidal osteomas, 676
Chorioretinal foreign body simulating malignant melanoma, 202
Fulminant ocular toxoplasmosis, 497
Neurofibromatosis associated with nevus of Ota and choroidal melanoma, 578
Choroideremia
Choroideremia, obesity, and congenital deafness, 63
Ciliary body
Histopathologic study of the Choyce VIII intraocular lens, 781
Ciliary sulcus
Pathologic examination of a J-loop posterior chamber intraocular lens in the ciliary sulcus, 268
Color vision
Sahlgren's saturation test for detecting and grading acquired dyschromatopsia, 252
Complement
Effect of an anticomplementary factor on normal human tears, 24
Congenital disorders
Choroideremia, obesity, and congenital deafness, 63
Developmental immaturity of the trabecular meshwork in congenital glaucoma, 508
Treatment of congenital glaucoma, 799
Conjunctiva
Clinical comparison of tobramycin and gentamicin sulfate in the treatment of ocular infections, 836
The floppy eyelid syndrome, 568
Immunopathologic study of giant papillary conjunctivitis associated with an ocular prosthesis, 368
Influence of bromhexine on tear lysozyme level in keratoconjunctivitis sicca, 21
New application for the disposable skin biopsy punch, 737
Ocular infectious mononucleosis manifested as Parinaud's oculoglandular syndrome, 722
Orally administered tetracycline for phlyctenular keratoconjunctivitis, 178
Conjunctivitis
Correction of anteriorly displaced medial canthus by tendon retropositioning, 846
Stevens-Johnson syndrome associated with adenovirus conjunctivitis, 543
Contact lens
Argon photocoagulation with a Plano B4 contact lens for epithelial protection (Corr.), 129
Fungal growth in aphakic soft contact lenses (Corr.), 591
Pseudomonas corneal ulcers associated with soft contact-lens wear, 546
Retrieving a lost contact lens from a sink (Corr.), 586
Simulating decreased visual acuity with a contact lens system, 863
Using a bandage contact lens to prevent recurrent corneal erosion during photocoagulation in patients with diabetes, 714
Cornea
Acyclovir and vidarabine in the treatment of ulcerative herpes simplex keratitis, 829
Assessment of radial keratotomy (Edit.), 292
Corneal sensation after thermocoagulation of the trigeminal ganglion (Corr.), 440
Crystalline retinopathy (Bietti's tapetoretinal degeneration without marginal corneal dystrophy), 640
Effect of air on human corneal endothelium, 328
Fluorophotometric determination of the corneal epithelial barrier after penetrating keratoplasty, 332
Herpes simplex keratitis (Corr.), 441
Histologic and electron microscopic assessment of endothelial damage produced by anterior radial keratotomy in the monkey cornea, 313
Inflammatory Terrien's marginal corneal disease, 189
Influence of bromhexine on tear lysozyme level in keratoconjunctivitis sicca, 21
Introduction to radial keratotomy (Edit.), 286
Keratitis associated with chronic iridocyclitis, 717
Light and electron microscopic study of recurrent granular dystrophy of the cornea, 49
Optics and clinical applications of wide-field specular microscopy, 43
Orally administered tetracycline for phlyctenular keratoconjunctivitis, 178
Penetrating keratoplasty for herpes simplex keratitis, 336
Primary familial amyloidosis of the cornea, 732
Pseudomonas corneal ulcers associated with soft contact-lens wear, 546
Pseudomonas corneoscleral ulcers, 353
Radial keratotomy in non-human primate eyes, 153
Radial keratotomy in perspective (Edit.), 286
Radial keratotomy in primates (Corr.), 871
Statistical analysis of radial keratotomy in human cadaver eyes, 172
Unanswered questions about radial keratotomy (Edit.), 292
Using a bandage contact lens to prevent recurrent corneal erosion during photocoagulation in patients with diabetes, 714
Visual outcome in eight cases of *Serratia marcescens* keratitis, 384
Corneoscleral limbus
Adenocarcinoma of the corneoscleral limbus, 580
Correspondence
Additional information on adverse reactions to timolol, by BERSTEIN, L. P., and HENKIND, P., 295
Adduction palsy and synergistic divergence, by SOUZA-DIAS, C. Reply by WILCOX, L. M., Jr., and GITTINGER, J., Jr., 299
Amorphous coating in open-angle glaucoma, by GIESER, D. K., TANENBAUM, M., SMITH, M. E., KASS, M. A., CHRISTY, N. E., FRIESEN, H., OTTERLEI, O., and BECKER, B. Reply by DUEKER, D., 130
Argon photocoagulation with a Plano B4 contact lens for epithelial protection, by WILHELM, J. L., PEDERZOLLI, A. C., and ZEGARRA, H., 129
Blowout fracture of the orbit, by SMITH, B., and LISMAN, R. Reply by PUTTERMAN, A. M., 592
Campylobacter gastroenteritis, by FRIEDLAENDER, M. H., DAWSON, C. R., and IRVINE, A. R., 129
Chloramphenicol and aplastic anemia, by DUTRO, M. P., 870
Corneal sensation after thermocoagulation of the trigeminal ganglion, by LEWIS, R. A., KELTNER, J. J., and COBB, C. A. Reply by HOYT, C. S., 440
Diabetes and senile cataract, by SOMMER, A. Reply by EDERER, F., HILLER, R., and TAYLOR, H. R., 134
Doubling the supply of sodium hyaluronate, by WEINSTOCK, F. J., 438
Fungal growth in aphakic soft contact lenses, by TABBARA, K. F., and OKUMOTO, M. Reply by BERGER, R. O., and STREETEN, B. W., 591
Herpes simplex keratitis, by DRUCKER, B. L. Reply by STERN, G. A., GUTGESELL, V. J., and ZAM, Z. S., 441
Intraocular lens power check, by BINKHORST, C. D. Reply by MILLER, D., 589
Intraocular lens power check, by HOLLADAY, J. T., GOSSEY, J., and CRUCIGER, M. Reply by MILLER, D., 589

Is this operation necessary?, by HIRSCHFELDER, M., 438
Oculocutaneous albinism and corneal mesodermal dysgenesis, by RICCI, B., and LACERRA, F. Reply by LUBIN, J. R., 587
Oculocutaneous albinism with Axenfeld's anomaly, by BENSON, W., 133
Power formulas for intraocular lenses, by HOFFER, K. J. Reply by FRITZ, K. J., 138
Radial keratotomy in primates, by MOORHEAD, L. C. Reply by JESTER, J. V., and SMITH, R. E., 871
Retinal pigment epithelial degeneration and arylsulfatase A deficiency, by ZLOTOGORA, J., SCHAAP, T., and BACH, G. Reply by WEITER, J. J., KOLODNY, E. H., FEINGOLD, M., and RAGHAVEN, S. S., 136
Retrieving a lost contact lens from a sink, by WEINSTOCK, F. J., 586
Scleral plugs with an attached suture for use during vitrectomy, by MEYERS, S. M., and GAASTERLAND, D. E., 744
Similar packaging of ophthalmic drugs, by PARTAMIAN, L., and KASS, M., 586
Syphilitic optic perineuritis, by WEINSTEIN, J., LEXOW, S. S., and SPICKARD, A. Reply by RUSH, J. A., 439
Toxicity of triamcinolone acetonide, by OPHIR, A. Reply by MCCUEN, B. W., II, BESSLER, M., TANO, Y., CHANDLER, D., and MACHEMER, R., 587
Using litmus paper for Schirmer testing, by CACCAMISE, W. C., 129
Viscosurgery—a sticky business, by VAN BUSKIRK, E. M., 296
Visual loss in eclampsia, by BECK, R. W. Reply by OLIVER, M., and UCHENIK, D., 298
Vogt-Koyanagi-Harada syndrome, by SNYDER, D. A. Reply by LUBIN, J. R., LOEWENSTEIN, J. I., and FREDERICK, A. R., Jr., 297

Corticosteroid
Orally administered tetracycline for phlyctenular keratoconjunctivitis, 178

Cystoid macular edema
Fluorescein angiographic study of cystoid macular edema, 775
Macular edema and cystoid macular edema, 466

D

Dacryoadenitis
Lacrimal gland uptake of gallium citrate Ga 67, 16

***Dermatophilus* sp.**
Fungal growth in aphakic soft contact lenses (Corr.), 591

Diabetes
Diabetes and senile cataract (Corr.), 134
Using a bandage contact lens to prevent recurrent corneal erosion during photocoagulation in patients with diabetes, 714

Diabetic retinopathy
Efficacy of argon laser photocoagulation in the treatment of circinate diabetic retinopathy, 762
Tractional venous loops in diabetic retinopathy, 661
Visual function abnormalities in macular heterotopia caused by proliferative diabetic retinopathy, 85

Drugs
Effect of a generic drug law on the retail cost of antiglaucoma medications, 273

Drusen
Abnormal visual-evoked potentials from eyes with optic nerve head drusen, 857
Hemorrhagic complications of optic nerve drusen, 70

Dyschromatopsia
Sahlgren's saturation test for detecting and grading acquired dyschromatopsia, 252

E

Eclampsia
Visual loss in eclampsia (Corr.), 298

Edema
Efficacy of argon laser photocoagulation in the treatment of circinate diabetic retinopathy, 762
Fluorescein angiographic study of cystoid macular edema, 775
Macular edema and cystoid macular edema, 466

Editorials
Assessment of radial keratotomy (KRAMER, S. G.), 292
Coping with visual impairment (NEWELL, F. W.), 743
Editorial promptness and THE JOURNAL (NEWELL, F. W.), 437
Introduction to radial keratotomy (NEWELL, F. W.), 286
JOURNAL Editorial Board (NEWELL, F. W.), 126
Ophthalmologist and malignant hyperthermia (BENSINGER, R. E., and HASCHKE, R. H.), 584
Radial keratotomy in perspective (WARING, G. O., III), 286
Unanswered questions about radial keratotomy (KAUFMAN, H. E.), 292
What readers read in THE AMERICAN JOURNAL OF OPHTHALMOLOGY (BORYSEWICZ, M. L.), 867

Electroretinography
Effects of intraocular irrigating solutions on the electroretinographic b-wave, 28

Endophthalmitis
Clearance of intravitreal gentamicin, 59
Endophthalmitis complicating neonatal group B streptococcal septicemia, 681

Endothelium
Effect of air on human corneal endothelium, 328
Histologic and electron microscopic assessment of endothelial damage produced by anterior radial keratotomy in the monkey cornea, 313

Enucleation
Sympathetic ophthalmia, 816

Epiphora
Correction of anteriorly displaced medial canthus by tendon retropositioning, 846
Epiphora after irradiation of medial eyelid tumors, 842

Epithelioma
Epiphora after irradiation of medial eyelid tumors, 842

Exophthalmometry
Exophthalmometry with a gauge mounted on a slit lamp, 577

Exotropia
Bilateral internuclear ophthalmoplegia after intrathecal chemotherapy and cranial irradiation, 851
Photo-induced convulsion after using the Translid Binocular Interactor, 279

Extraocular muscle
Gradual increase in the sensitivity of extraocular muscles to acetylcholine during topical treatment of rabbit eyes with isofluorophate, 259

Eyedrops
Similar packaging of ophthalmic drugs (Corr.), 586

Eyelid
Correction of anteriorly displaced medial canthus by tendon retropositioning, 846
Epiphora after irradiation of medial eyelid tumors, 842
The floppy eyelid syndrome, 568
Management of malignancy of the eyelids, 1
Mucinous sweat gland adenocarcinoma of the eyelid, 183
Pigmented basal cell carcinoma of the eyelids, 193
Quantification, natural course, and surgical results in 57 eyes with Marcus Gunn (jaw-winking) syndrome, 702

F

Filtering surgery
Treatment of congenital glaucoma, 799

Fundus
Varix of the vortex ampulla, 653

G

Genetics
Choroideremia, obesity, and congenital deafness, 63
Crystalline retinopathy (Bietti's tapetoretinal degeneration without marginal corneal dystrophy), 640
Oculocutaneous albinism and corneal mesodermal dysgenesis (Corr.), 587
Optic atrophy and visual loss in craniometaphyseal dysplasia, 696
Primary familial amyloidosis of the cornea, 732

Gentamicin
Clearance of intravitreal gentamicin, 59
Clinical comparison of tobramycin and gentamicin sulfate in the treatment of ocular infections, 836

Giant papillary conjunctivitis
Immunopathologic study of giant papillary conjunctivitis associated with an ocular prosthesis, 368

Glaucoma
Amorphous coating in open-angle glaucoma (Corr.), 130
Developmental immaturity of the trabecular meshwork in congenital glaucoma, 508
Effect of a generic drug law on the retail cost of antiglaucoma medications, 273
Frequency of timolol administration, 526
6-Hydroxydopamine in the treatment of open-angle glaucoma, 792
Incidence of increased intraocular pressure after keratoplasty, 372
Monitoring compliance with pilocarpine therapy, 727
Separate and combined effects of timolol maleate and acetazolamide in open-angle glaucoma, 788
Treatment of congenital glaucoma, 799
Visual field screening protocol for glaucoma, 530

Goniotomy
Treatment of congenital glaucoma, 799

H

Hemianopia
Unilateral nasal hemianopia as a sign of intracranial optic nerve compression, 230
Hemorrhage
Pilocytic astrocytoma of the optic nerve with hemorrhage and extreme cystic degeneration, 691
Herpes simplex
Acyclovir and vidarabine in the treatment of ulcerative herpes simplex keratitis, 829
Herpes simplex keratitis (Corr.), 441
Herpes simplex type 1 retinitis in an adult with systemic herpes zoster, 215
Penetrating keratoplasty for herpes simplex keratitis, 336
Herpes zoster
Herpes simplex type 1 retinitis in an adult with systemic herpes zoster, 215
Heterotopia
Visual function abnormalities in macular heterotopia caused by proliferative diabetic retinopathy, 85
Histiocytoma
Angiomatoid malignant fibrous histiocytoma of the orbit, 13
Horner's syndrome
Aqueous humor dynamics in a series of patients with third neuron Horner's syndrome, 407
6-Hydroxydopamine
6-Hydroxydopamine in the treatment of open-angle glaucoma, 792
Hypotension
Ocular ergotamine tartrate toxicity during treatment of Vacor-induced orthostatic hypotension, 492

I

Indirect ophthalmoscopy
Inexpensive objective lenses for indirect ophthalmoscopy, 431
Infants
Endophthalmitis complicating neonatal group B streptococcal septicemia, 681
Instruments
Biopsy system for intraocular specimens, 121
Intimo-intimal intussusception
Intimo-intimal intussusception of the central retinal artery, 486
Intraocular foreign body
Chorioretinal foreign body simulating malignant melanoma, 202
Intraocular lens
Doubling the supply of sodium hyaluronate (Corr.), 438
Fluorescein angiographic study of cystoid macular edema, 775
Histopathologic study of the Choyce VIII intraocular lens, 781
Intraocular lenses, axial length, and retinal detachment, 778
Intraocular lens power check (Corr.), 589
Intraocular lens power check (Corr.), 589
Is this operation necessary? (Corr.), 438
Pathologic examination of a J-loop posterior chamber intraocular lens in the ciliary sulcus, 268
Power formulas for intraocular lenses (Corr.), 138
Tension lines in intraocular lenses, 378
Intraocular pressure
Incidence of increased intraocular pressure after keratoplasty, 372
Iridocyclitis
Keratitis associated with chronic iridocyclitis, 717
Iris
Simultaneous bilateral iris metastases from renal cell carcinoma, 206
Irrigating solutions
Effects of intraocular irrigating solutions on the electroretinographic b-wave, 28
Isoflurophate
Gradual increase in the sensitivity of extraocular muscles to acetylcholine during topical treatment of rabbit eyes with isoflurophate, 259

K

Keratitis
Acyclovir and vidarabine in the treatment of ulcerative herpes simplex keratitis, 829
Herpes simplex keratitis (Corr.), 441
Keratitis associated with chronic iridocyclitis, 717
Penetrating keratoplasty for herpes simplex keratitis, 336
Visual outcome in eight cases of *Serratia marcescens* keratitis, 384
Keratoconjunctivitis
Eosinophil granule major basic protein and Charcot-Leyden crystal protein in human tears, 824
Orally administered tetracycline for phlyctenular keratoconjunctivitis, 178
Keratoconjunctivitis sicca
Influence of bromhexine on tear lysozyme level in keratoconjunctivitis sicca, 21
Keratoplasty
Incidence of increased intraocular pressure after keratoplasty, 372

L

Lacrimal gland
Ectopic lacrimal gland cyst of the orbit, 198
Lacrimal gland uptake of gallium citrate Ga 67, 16
Laser
Efficacy of argon laser photocoagulation in the treatment of circinate diabetic retinopathy, 762
Lattice degeneration
Possible relationship between lattice and snail track degenerations of the retina, 482
Leukoma
Penetrating keratoplasty for adherent leukoma of smallpox, 811
Levator palpebrae superioris muscle
Quantification, natural course, and surgical results in 57 eyes with Marcus Gunn (jaw-winking) syndrome, 702
Lupus erythematosus
Visual loss as the initial symptom of systemic lupus erythematosus, 238
Lymphocyte
T and B lymphocytes in ocular cicatricial pemphigoid, 536
Lymphoma
Bilateral internuclear ophthalmoplegia after intrathecal chemotherapy and cranial irradiation, 851
Lysozyme
Influence of bromhexine on tear lysozyme level in keratoconjunctivitis sicca, 21
Lysozyme content of tears in some external eye infections, 555

M

Macula
Afferent pupillary defect in macular degeneration, 396
Efficacy of argon laser photocoagulation in the treatment of circinate diabetic retinopathy, 762
Fellow eyes of eyes with macular holes, 757
Fluorescein angiographic study of cystoid macular edema, 775
Macular edema and cystoid macular edema, 466
Pigmentary macular degeneration with multifocal necrotizing encephalopathy, 422
Prognosis for central vision and anatomic reattachment in rhegmatogenous retinal detachment with macula detached, 611
Visual function abnormalities in macular heterotopia caused by proliferative diabetic retinopathy, 85
Vitreous surgery for macular pucker, 628
Malignant hyperthermia
Malignant hyperthermia syndrome, 461
Ophthalmologist and malignant hyperthermia (Edit.), 584
Marcus Gunn (jaw-winking) syndrome
Quantification, natural course, and surgical results in 57 eyes with Marcus Gunn (jaw-winking) syndrome, 702
Meetings, Conferences, Symposia
American Ophthalmological Society 1981 Meeting (NEWELL, F. W.), 283
Association for Research in Vision and Ophthalmology—1981 Spring Meeting (RYAN, S. J.), 125
Association of Ophthalmic Alumni of the Armed Forces Institute of Pathology—Ninth Biennial Meeting (RODMAN, H. I.), 865
Department of Ophthalmology, University of Toronto, 23rd Annual Research Meeting (BASU, P. K.), 738
International Council of Ophthalmology (FRANCOIS, J.), 282
12th Pupil Colloquium (THOMPSON, H. S.), 435
XIII Pan American Congress of Ophthalmology (LEOPOLD, I. H.), 434
Melanoma
Neurofibromatosis associated with nevus of Ota and choroidal melanoma, 578
Microscopy
Optics and clinical applications of wide-field specular microscopy, 43
Mononucleosis
Ocular infectious mononucleosis manifested as Parinaud's oculoglandular syndrome, 722
Myeloma
Complete ophthalmoplegia secondary to amyloidosis associated with multiple myeloma, 221
Myopia
Assessment of radial keratotomy (Edit.), 292
Histologic and electron microscopic assessment of endothelial damage produced by anterior radial keratotomy in the monkey cornea, 313

Introduction to radial keratotomy (Edit.), 286
Radial keratotomy in non-human primate eyes, 153
Radial keratotomy in perspective (Edit.), 286
Radial keratotomy in primates (Corr.), 871
Statistical analysis of radial keratotomy in human cadaver eyes, 172
Unanswered questions about radial keratotomy (Edit.), 292

N

Neovascularization
Retinal neovascularization after intravitreal fibroblast injection, 103
Vascular casts of experimental retinal neovascularization, 110
Neurofibromatosis
Neurofibromatosis associated with nevus of Ota and choroidal melanoma, 578
Nevus
Ocular malformation in association with ipsilateral facial nevus of Jadassohn, 344
Nevus of Ota
Neurofibromatosis associated with nevus of Ota and choroidal melanoma, 578
Nystagmus
Sympathetic ophthalmia, 816

O

Obituaries
Algernon B. Reese (NEWELL, F. W.), 868
Jules Stein (STRAATSMA, B. R.), 127
Ocular injuries
Welding processes and ocular hazards and protection, 77
Ocular rigidity
New single-parameter ocular rigidity function, 391
Ocular toxicity
Ocular ergotamine tartrate toxicity during treatment of Vacor-induced orthostatic hypotension, 492
Toxicity of triamcinolone acetonide (Corr.), 587
Open-angle glaucoma
Amorphous coating in open-angle glaucoma (Corr.), 130
Frequency of timolol administration, 526
6-Hydroxydopamine in the treatment of open-angle glaucoma, 792
Separate and combined effects of timolol maleate and acetazolamide in open-angle glaucoma, 788
Ophthalmoplegia
Bilateral internuclear ophthalmoplegia after intrathecal chemotherapy and cranial irradiation, 851
Complete ophthalmoplegia secondary to amyloidosis associated with multiple myeloma, 221
Optic atrophy
Optic atrophy and visual loss in craniometaphyseal dysplasia, 696
Optic nerve
Abnormal visual-evoked potentials from eyes with optic nerve head drusen, 857
Hemorrhagic complications of optic nerve drusen, 70
Pilocytic astrocytoma of the optic nerve with hemorrhage and extreme cystic degeneration, 691
Unilateral nasal hemianopia as a sign of intracranial optic nerve compression, 230
Optic neuritis
Relative afferent pupillary defects in optic neuritis, 685
Syphilitic optic perineuritis (Corr.), 439
Optic neuropathy
Atrophy of myelinated retinal nerve fibers after acute optic neuropathy, 854
Orbit
Angiomatoid malignant fibrous histiocytoma of the orbit, 13
Blowout fracture of the orbit (Corr.), 592
Ectopic lacrimal gland cyst of the orbit, 198
Orbital invasion by an intracranial chordoma, 7
Osteoma
Bilateral choroidal osteomas, 676
Outflow
The conventional outflow resistances, 804

P

Parinaud's oculoglandular syndrome
Ocular infectious mononucleosis manifested as Parinaud's oculoglandular syndrome, 722
Pemphigoid
T and B lymphocytes in ocular cicatricial pemphigoid, 536
Penetrating keratoplasty
Fluorophotometric determination of the corneal epithelial barrier after penetrating keratoplasty, 332
Penetrating keratoplasty for adherent leukoma of smallpox, 811
Penetrating keratoplasty for herpes simplex keratitis, 336
Penicillamine
Effect of penicillamine on posttraumatic vitreous proliferation, 625
Photocoagulation
Argon photocoagulation with a Plano B4 contact lens for epithelial protection (Corr.), 129
Using a bandage contact lens to prevent recurrent corneal erosion during photocoagulation in patients with diabetes, 714
Photoreceptor cell
Traumatic pigmentary retinopathy, 621
Pigment epithelium
Fellow eyes of eyes with macular holes, 757
Traumatic pigmentary retinopathy, 621
Pilocarpine
Monitoring compliance with pilocarpine therapy, 727
Posterior chamber
Pathologic examination of a J-loop posterior chamber intraocular lens in the ciliary sulcus, 268
***Pseudomonas* sp.**
Clinical comparison of tobramycin and gentamicin sulfate in the treatment of ocular infections, 836
Pseudomonas corneal ulcers associated with soft contact-lens wear, 546
Pseudomonas corneoscleral ulcers, 353
Pupil
Afferent pupillary defect in macular degeneration, 396
Relative afferent pupillary defects in optic neuritis, 685

R

Radial keratotomy
Assessment of radial keratotomy (Edit.), 292
Histologic and electron microscopic assessment of endothelial damage produced by anterior radial keratotomy in the monkey cornea, 313
Introduction to radial keratotomy (Edit.), 286
Radial keratotomy in non-human primate eyes, 153
Radial keratotomy in perspective (Edit.), 286
Radial keratotomy in primates (Corr.), 871
Statistical analysis of radial keratotomy in human cadaver eyes, 172
Unanswered questions about radial keratotomy (Edit.), 292
Radiation therapy
Bilateral internuclear ophthalmoplegia after intrathecal chemotherapy and cranial irradiation, 851
Epiphora after irradiation of medial eyelid tumors, 842
Recurrent granular dystrophy
Light and electron microscopic study of recurrent granular dystrophy of the cornea, 49
Retina
Amines in the subretinal fluid and aqueous, 672
Atrophy of myelinated retinal nerve fibers after acute optic neuropathy, 854
Chorioretinal foreign body simulating malignant melanoma, 202
Fulminant ocular toxoplasmosis, 497
Herpes simplex type 1 retinitis in an adult with systemic herpes zoster, 215
Intimo-intimal intussusception of the central retinal artery, 486
Possible relationship between lattice and snail track degenerations of the retina, 482
Retinal neovascularization after intravitreal fibroblast injection, 103
Retinal pigment epithelial degeneration and arylsulfatase A deficiency (Corr.), 136
Rift Valley fever retinitis, 38
Vascular casts of experimental retinal neovascularization, 110
Retinal detachment
Erythropheresis in treating retinal detachments secondary to sickle-cell retinopathy, 582
Explanted gelatin as an addition to the primary buckle in retinal detachment surgery, 504
Intraocular lenses, axial length, and retinal detachment, 778
Prognosis for central vision and anatomic reattachment in rhegmatogenous retinal detachment with macula detached, 611
Results with a temporary balloon buckle for the repair of retinal detachment, 245
Retinotomy, 768
Retinopathy
Crystalline retinopathy (Bietti's tapetoretinal degeneration without marginal corneal dystrophy), 640
Efficacy of argon laser photocoagulation in the treatment of circinate diabetic retinopathy, 762
Tractional venous loops in diabetic retinopathy, 661
Traumatic pigmentary retinopathy, 621
Visual function abnormalities in macular heterotopia caused by proliferative diabetic retinopathy, 85

Retinotomy
Retinotomy, 768
Rift Valley fever
Rift Valley fever retinitis, 38

S

Schirmer test
Using litmus paper for Schirmer testing (Corr.), 129
Schlemm's canal
The conventional outflow resistances, 804
Sclera
New scleral depressor, 123
Results with a temporary balloon buckle for the repair of retinal detachment, 245
Scleral buckle
Explanted gelatin as an addition to the primary buckle in retinal detachment surgery, 504
Parabulbar balloon to augment a failing scleral buckle, 647
Ultrasonographic study of early buckle height after sponge explants, 403
Sella turcica
Traumatic chiasmal syndrome associated with pneumocephalus and sellar fracture, 233
***Serratia* sp.**
Visual outcome in eight cases of *Serratia marcescens* keratitis, 384
Sickle cell trait
Erythropheresis in treating retinal detachments secondary to sickle-cell retinopathy, 582
Slit lamp
Exophthalmometry with a gauge mounted on a slit lamp, 577
Snail track degeneration
Possible relationship between lattice and snail track degenerations of the retina, 482
Sodium hyaluronate
Viscosurgery—a sticky business (Corr.), 296
Spectacles
Correction of temporary postoperative astigmatism, 576
***Staphylococcus* sp.**
Clearance of intravitreal gentamicin, 59
Clinical comparison of tobramycin and gentamicin sulfate in the treatment of ocular infections, 836
Stevens-Johnson syndrome
Stevens-Johnson syndrome associated with adenovirus conjunctivitis, 543
Strabismus
Photo-induced convulsion after using the Translid Binocular Interactor, 279
Quantification, natural course, and surgical results in 57 eyes with Marcus Gunn (jaw-winking) syndrome, 702
***Streptococcus* sp.**
Endophthalmitis complicating neonatal group B streptococcal septicemia, 681
Suture
Scleral plugs with an attached suture for use during vitrectomy (Corr.), 744
Sympathetic ophthalmia
Sympathetic ophthalmia, 816
Synergistic divergence
Adduction palsy and synergistic divergence (Corr.), 299
Syphilis
Syphilitic optic perineuritis (Corr.), 439

T

Tears
Effect of an anticomplementary factor on normal human tears, 24
Effect of stimulus on the chemical composition of human tears, 559
Eosinophil granule major basic protein and Charcot-Leyden crystal protein in human tears, 824
Influence of bromhexine on tear lysozyme level in keratoconjunctivitis sicca, 21
Lysozyme content of tears in some external eye infections, 555
Tetracycline
Orally administered tetracycline for phlyctenular keratoconjunctivitis, 178
Timolol maleate
Additional information on adverse reactions to timolol (Corr.), 295
Frequency of timolol administration, 526
Separate and combined effects of timolol maleate and acetazolamide in open-angle glaucoma, 788
T lymphocyte
T and B lymphocytes in ocular cicatricial pemphigoid, 536
Tobramycin
Clinical comparison of tobramycin and gentamicin sulfate in the treatment of ocular infections, 836
Toxoplasmosis
Fulminant ocular toxoplasmosis, 497
Trabecular meshwork
The conventional outflow resistances, 804
Developmental immaturity of the trabecular meshwork in congenital glaucoma, 508
Triamcinolone acetonide
Toxicity of triamcinolone acetonide (Corr.), 587
Trigeminal nerve
Corneal sensation after thermocoagulation of the trigeminal ganglion (Corr.), 440
Sixth nerve palsy complicating percutaneous thermal ablation of the trigeminal nerve rootlet, 225

U

Ulcer
Acyclovir and vidarabine in the treatment of ulcerative herpes simplex keratitis, 829
Pseudomonas corneal ulcers associated with soft contact-lens wear, 546
Pseudomonas corneoscleral ulcers, 353
Uveitis
Secondary syphilitic uveitis, 210

V

Vernal keratoconjunctivitis
Eosinophil granule major basic protein and Charcot-Leyden crystal protein in human tears, 824
Vidarabine
Acyclovir and vidarabine in the treatment of ulcerative herpes simplex keratitis, 829
Visual acuity
Prognosis for central vision and anatomic reattachment in rhegmatogenous retinal detachment with macula detached, 611
Simulating decreased visual acuity with a contact lens system, 863
Visual-evoked potential
Abnormal visual-evoked potentials from eyes with optic nerve head drusen, 857
Perceptual distortions in visual-evoked potentials, 708
Visual field
Visual field screening protocol for glaucoma, 530
Visual loss
Coping with visual impairment (Edit.), 743
Intimo-intimal intussusception of the central retinal artery, 486
Optic atrophy and visual loss in craniometaphyseal dysplasia, 696
Visual loss as the initial symptom of systemic lupus erythematosus, 238
Visual loss in eclampsia (Corr.), 298
Vitrectomy
Scleral plugs with an attached suture for use during vitrectomy (Corr.), 744
Vitreous
Clearance of intravitreal gentamicin, 59
Effect of penicillamine on posttraumatic vitreous proliferation, 625
Tractional venous loops in diabetic retinopathy, 661
Vitreous surgery for macular pucker, 628
Vogt-Koyanagi-Harada syndrome
Vogt-Koyanagi-Harada syndrome (Corr.), 297
Vortex ampulla
Varix of the vortex ampulla, 653

AUTHOR INDEX

A

ABELSON, M. B.: See UDELL, I. J., 824
ABRAMS, G. W.: See OSHER, R. H., 653
ACKERMAN, S. J.: See UDELL, I. J., 824
AHEARN, D. G.: See WILSON, L. A., 546
AHUJA, O. P.: See SHUKLA, M., 482
AI, E.: See WONG, K., 238
ALLANSMITH, M. R.: See UDELL, I. J., 824
ALLEN, R. G.: See KLEMM, W. R., 708
ALPER, M. G.: See TALUSAN, E., 792
AQUAVELLA, J. A.: See LOHMAN, L. E., 43
ARENTSEN, J. J., and TASMAN, W.: Using a bandage contact lens to prevent recurrent corneal erosion during photocoagulation in patients with diabetes, 714
ARMAO, D.: See OSHER, R. H., 653
ASBELL, P. A.: See YAMAGUCHI, T., 313
AUSTIN, P., and BROWN, S. I.: Inflammatory Terrien's marginal corneal disease, 189
AVISAR, R., MENACHE, R., SHAKED, P., and SAVIR, H.: Lysozyme content of tears in some external eye infections, 555
AYAZI, S.: Choroideremia, obesity, and congenital deafness, 63

B

BAER, G. S.: See CHAMBERS, J. K., 123
BAGNELL, C. R.: See LIPPER, S., 202
BALTCH, A. L.: See BELIN, M. W., 210
BARTH, R. A.: See WEINREB, R. N., 16
BASTEK, J. V., FOOS, R. Y., and HECKENLIVELY, J.: Traumatic pigmentary retinopathy, 621
BASU, P. K.: Department of Ophthalmology, University of Toronto, 23rd Annual Research Meeting, 738
BEARD, C.: Management of malignancy of the eyelids, 1
BEDRICK, J. J., and YANOFF, M.: Inexpensive objective lenses for indirect ophthalmoscopy, 431
BELCHER, C.: See LASS, J. H., 384
BELIN, M. W., BALTCH, A. L., and HAY, P. B.: Secondary syphilitic uveitis, 210
BELKIN, M.: See WEISS, J. F., 625
BENSINGER, R. E., and HASCHKE, R. H.: Ophthalmologist and malignant hyperthermia (Edit.), 584
BERGER, B. B.: Endophthalmitis complicating neonatal group B streptococcal septicemia, 681
BERKOWITZ, R. A., KLYCE, S. D., SALISBURY, J. D., and KAUFMAN, H. E.: Fluorophotometric determination of the corneal epithelial barrier after penetrating keratoplasty, 332
BERNARDINO, V. B.: See RABER, I. M., 353
BERSON, F. G., and EPSTEIN, D. L.: Separate and combined effects of timolol maleate and acetazolamide in open-angle glaucoma, 788
BITO, L. Z.: See BUNKE, A., 259
BLACK, B.: See MORGAN, K. S., 799
BLUMENTHAL, M.: See LOBEL, D., 577
BLUMENTHAL, M.: See YALON, M., 526
BOGER, W. P., III: See MULLIKEN, J. B., 846
BOGER, W. P., III: See PULIAFITO, C. A., 696
BOONE, S. C.: See GRIMSON, B. S., 225
BORYSEWICZ, M. L.: What readers read in THE AMERICAN JOURNAL OF OPHTHALMOLOGY (Edit.), 867
BOSWORTH, D. E.: See MEISLER, D. M., 722
BREININ, G. M.: See CHARLES, N. C., 691
BRESNICK, G. H., SMITH, V., and POKORNY, J.: Visual function abnormalities in macular heterotopia caused by proliferative diabetic retinopathy, 85
BROCKHURST, R. J.: See SABATES, R., 497
BRONSTEIN, M. A., TREMPE, C. L., and FREEMAN, H. M.: Fellow eyes of eyes with macular holes, 757
BROOKNER, A. R.: See CHARLES, N. C., 691
BROWN, S. I.: See AUSTIN, P., 189
BROWN, S. I.: See GOLDBERG, D. B., 372
BROWN, S. I.: See JOHNSON, B. L., 49
BROWN, S. I.: See MONDINO, B. J., 536, 732
BROWN, S. I.: See ZAIDMAN, G. W., 178
BRUBAKER, R. F.: See WENTWORTH, W. O., 407
BRUCKER, A. J.: See FINE, B. S., 466
BUNKE, A., and BITO, L. Z.: Gradual increase in the sensitivity of extraocular muscles to acetylcholine during topical treatment of rabbit eyes with isoflurophate, 259

C

CABALLERO, L. R., RODRIGUEZ, A. C., and SOPELANA, A. B.: Angiomatoid malignant fibrous histiocytoma of the orbit, 13
CAGLE, G.: See LAIBSON, P., 836
CALL, N. B., and WELHAM, R. A. N.: Epiphora after irradiation of medial eyelid tumors, 842
CAMPBELL, R. J.: See WILKES, S. R., 344
CASSADY, J. C.: See CLAYMAN, H. M., 778
CHAMBERS, J. K., and BAER, G. S.: New scleral depressor, 123
CHANDLER, D.: See HICKINGBOTHAM, D., 121
CHANDLER, D. B.: See TANO, Y., 103, 110
CHARLES, D. E.: See CROXATTO, J. O., 578
CHARLES, N. C., NELSON, L., BROOKNER, A. R., LIEBERMAN, N., and BREININ, G. M.: Pilocytic astrocytoma of the optic nerve with hemorrhage and extreme cystic degeneration, 691
CLAYMAN, H. M., JAFFE, N. S., LIGHT, D. S., JAFFE, M. S., and CASSADY, J. C.: Intraocular lenses, axial length, and retinal detachment, 778
CLAYMAN, H. M.: See JAFFE, N. S., 775
COBO, L. M., and FORSTER, R. K.: Clearance of intravitreal gentamicin, 59
COHEN, K. L., PEIFFER, R. L., and LIPPER, S.: Mucinous sweat gland adenocarcinoma of the eyelid, 183
CORBETT, J. J.: See COX, T. A., 230, 685
COTLIER, E.: Molecular and Cellular Biology of the Eye Lens, by Bloemendal, H. (Bk. Rev.), 595
COX, T. A., CORBETT, J. J., THOMPSON, H. S., and KASSELL, N. F.: Unilateral nasal hemianopia as a sign of intracranial optic nerve compression, 230
COX, T. A., THOMPSON, H. S., and CORBETT, J. J.: Relative afferent pupillary defects in optic neuritis, 685
CRAWFORD, J. S.: See DOUCET, T. W., 702
CROXATTO, J. O., CHARLES, D. E., and MALBRAN, E. S.: Neurofibromatosis associated with nevus of Ota and choroidal melanoma, 578
CULBERTSON, W. W., and OSTLER, H. B.: The floppy eyelid syndrome, 568
CUTLER, J.: See SASSANI, J. W., 737

D

DESOTA-JOHNSON, D.: See FREY, W. H., II, 559
DEUTMAN, A. F., and KLOMP, H. J.: Rift Valley fever retinitis, 38
DIDDIE, K. R.: Retinal Pigment Epithelium, by Marmour, M. F., and Zinn, K. M. (Bk. Rev.), 595
DIDDIE, K. R.: See WALONKER, A. F., 863
DOBBIE, J. G.: See KRANIAS, G., 672
DOUCET, T. W., and CRAWFORD, J. S.: Quantification, natural course, and surgical results in 57 eyes with Marcus Gunn (jaw-winking) syndrome, 702
DREYER, W. B., Jr., ZEGARRA, H., ZAKOV, Z. N., and GUTMAN, F. A.: Sympathetic ophthalmia, 816
DUNCAN, J.: See FOSTER, C. S., 336

E

EHRENBERG, M.: Laser. Its Clinical Uses in Eye Disease, by Constable, I. J., and Lim, A. S. M. (Bk. Rev.), 872
EHRENBERG, M.: Ocular Fundus. Methods of Examination and Typical Findings, by Nover, A. (Bk. Rev.), 443
EHRENBERG, M., TRIPATHI, R. C., WOLLMAN, R. L., HUTTENLOCHER, P. R., JOHNSON, R. O., II, and McCOY, F. E.: Pigmentary macular degeneration with multifocal necrotizing encephalopathy, 422
EIFERMAN, R. A., and WILKINS, E. L.: Effect of air on human corneal endothelium, 328
EIFRIG, D. E.: See LIPPER, S., 202

ELLIS, F. D.: See HELVESTON, E. M., 279
ELLIS, F. D.: See MORGAN, K. S., 799
EPSTEIN, D. L.: See BERSON, F. G., 788

F

FARRELL, T. A.: See RAFLO, G. T., 221
FERRY, A. P., HADDAD, H. M., and GOLDMAN, J. L.: Orbital invasion by an intracranial chordoma, 7
FINE, B. S., and BRUCKER, A. J.: Macular edema and cystoid macular edema, 466
FINE, S. L.: See HARRIS, M. J., 70
FLEISCHMAN, J.: See REESER, F., 762
FOOS, R. Y.: See BASTEK, J. V., 621
FORSTER, R. K.: See COBO, L. M., 59
FOSTER, C. S., and DUNCAN, J.: Penetrating keratoplasty for herpes simplex keratitis, 336
FOSTER, C. S.: See LASS, J. H., 384
FRANCOIS, J.: International Council of Ophthalmology, 282
FRANKLIN, B.: See MINDEL J. S., 492
FRAUNFELDER, F. T.: Atlas of Ophthalmic Surgery, by King, J. H., Jr., and Wadsworth, J. A. C. (Bk. Rev.), 300
FRAUNFELDER, F. T.: Ocular Therapeutics and Pharmacology, by Ellis, P. P. (Bk. Rev.), 744
FRAUNFELDER, F. T.: United States Pharmacopeia Dispensing Information, 1981 (Bk. Rev.), 139
FREEDMAN, S. I.: See KOHN, R., 363
FREEMAN, H. M.: See BRONSTEIN, M. A., 757
FRENKEL, M.: Vue et Profession. Le Aptitudes Visuelles Professionnelles, by Verriest, G., and Hermans, G. (Bk. Rev.), 301
FREY, W. H., II, DeSOTA-JOHNSON, D., HOFFMAN, C., and McCALL, J. T.: Effect of stimulus on the chemical composition of human tears, 559
FRISEN, L., and KALM, H.: Sahlgren's saturation test for detecting and grading acquired dyschromatopsia, 252
FRITZ, K. J.: Intraocular Lenses, by Olmos, E., and Roy, F. H. (Bk. Rev.), 873
FUKUSHIMA, A.: See YAMAGUCHI, T., 313

G

GASS, J. D. M.: See JAFFE, N. S., 775
GASS, J. D. M.: See NEWSOME, D. A., 396
GIBBONS, W. D.: See KLEMM, W. R., 708
GLEICH, G. J.: See UDELL, I. J., 824
GOEKEN, J. A.: See MEISLER, D. M., 368
GOLDBERG, D. B., SCHANZLIN, D. J., and BROWN, S. I.: Incidence of increased intraocular pressure after keratoplasty, 372
GOLDMAN, A.: See REESER, F., 762
GOLDMAN, J. L.: See FERRY, A. P., 7
GORDON, M.: See KASS, M. A., 273
GREEN, W. R.: See HERSH, P. S., 661
GRIMSON, B. S., and BOONE, S. C.: Sixth nerve palsy complicating percutaneous thermal ablation of the trigeminal nerve rootlet, 225
GUTMAN, F. A.: See DREYER, W. B., Jr., 816

H

HAAF, J.: See LASS, J. H., 384
HADDAD, H. M.: See FERRY, A. P., 7
HANSEN, K. D.: See WOLTER, J. R., 486
HARRIS, M. J., FINE, S. L., and OWENS, S. L.: Hemorrhagic complications of optic nerve drusen, 70
HARRISON, J. M.: See KLEMM, W. R., 708
HASCHKE, R. H.: See BENSINGER, R. E., 584
HAY, P. B.: See BELIN, M. W., 210
HECKENLIVELY, J.: See BASTEK, J. V., 621
HELFGOTT, M.: See TALUSAN, E., 792
HELVESTON, E. M., MANTHEY, R., and ELLIS, F. D.: Photo-induced convulsion after using the Translid Binocular Interactor, 279
HELVESTON, E. M.: See MORGAN, K. S., 799
HERSH, P. S., GREEN, W. R., and THOMAS, J. V.: Tractional venous loops in diabetic retinopathy, 661
HETTINGER, M.: See PAVAN-LANGSTON, D., 829
HICKINGBOTHAM, D., CHANDLER, D., and MACHEMER, R.: Biopsy system for intraocular specimens, 121
HIRSCHFELDER, M.: Cataracts. A Consumers' Guide to Choosing the Best Treatment, by Leflar, R. B., and Lillie, H. (Bk. Rev.), 747
HOELTGE, G. A.: See WILHELM, J. L., 582
HOFFER, K. J.: Pathologic examination of a J-loop posterior chamber intraocular lens in the ciliary sulcus, 268
HOFFMAN, C.: See FREY, W. H., II, 559
HONDA, Y.: See NEGI, A., 28
HORNBLASS, A., and STEFANO, J. A.: Pigmented basal cell carcinoma of the eyelids, 193
HUMPHREY, W. T., and LANDRY, R. J.: Explanted gelatin as an addition to the primary buckle in retinal detachment surgery, 504
HUTTENLOCHER, P. R.: See EHRENBERG, M., 422

I

INOMATA, H.: See TAWARA, A., 508
IRVINE, A. R., and STONE, R. D.: Ultrasonographic study of early buckle height after sponge explants, 403

J

JA'FAR, M. S.: See TO'MEY, K. F., 432
JAFFE, M. S.: See CLAYMAN, H. M., 778
JAFFE, N. S., LUSCOMBE, S. M., CLAYMAN, H. M., and GASS, J. D. M.: Fluorescein angiographic study of cystoid macular edema, 775
JAFFE, N. S.: See CLAYMAN, H. M., 778
JAKOBIEC, F. A.: Orbital Disease. A Practical Approach, by Krohel, G. B., Stewart, W. B., and Chavis, R. M. (Bk. Rev.), 593
JAY, W.: Principles of Neurology, 2nd ed., by Adams, R. D., and Victor, M. (Bk. Rev.), 747
JAY, W.: The Visual Field. A Textbook and Atlas of Clinical Perimetry, 5th ed., by Harrington, D. O. (Bk. Rev.), 597
JESTER, J. V., STEEL, D., SALZ, J., MIYASHIRO, J., RIFE, L., SCHANZLIN, D. J., and SMITH, R. E.: Radial keratotomy in non-human primate eyes, 153
JESTER, J. V., VENET, T., LEE, J., SCHANZLIN, D. J., and SMITH, R. E.: Statistical analysis of radial keratotomy in human cadaver eyes, 172
JOHNSON, B. L., BROWN, S. I., and ZAIDMAN, G. W.: Light and electron microscopic study of recurrent granular dystrophy of the cornea, 49
JOHNSON, R. O., II: See EHRENBERG, M., 422
JONES, J. V.: See WONG, K., 238

K

KALM, H.: See FRISEN, L., 252
KASS, M. A., and GORDON, M.: Effect of a generic drug law on the retail cost of antiglaucoma medications, 273
KASSELL, N. F.: See COX, T. A., 230
KAUFMAN, H. E.: Unanswered questions about radial keratotomy (Edit.), 292
KAUFMAN, H. E.: See BERKOWITZ, R. A., 332
KAUFMAN, H. E.: See YAMAGUCHI, T., 313
KAWANO, S-I.: See NEGI, A., 28
KEENEY, A. H.: Wholemount Handbook. A Guide to the Preparation and Analysis of Retinal Wholemounts, by Stone, J. (Bk. Rev.), 596
KEENEY, A. H.: See PABLEY, A. S., 77
KELINSKE, M., and WEINSTEIN, G. W.: Bilateral choroidal osteomas, 676
KELLEY, J. S.: Correction of temporary postoperative astigmatism, 576
KIERNAN, J. P.: Medical Examination Review. Ophthalmology, by Gombos, G. M., and Slavin, M. L. (Bk. Rev.), 300
KIERNAN, J. P., SCHANZLIN, D. J., and LEVEILLE, A. S.: Stevens-Johnson syndrome associated with adenovirus conjunctivitis, 543
KIJLSTRA, A., and VEERHUIS, R.: Effect of an anticomplementary factor on normal human tears, 24
KLEIN, H. Z.: See PARTAMIAN, L. G., 215
KLEMM, W. R., GIBBONS, W. D., ALLEN, R. G., and HARRISON, J. M.: Perceptual distortions in visual-evoked potentials, 708
KLOMP, H. J.: See DEUTMAN, A. F., 38
KLYCE, S. D.: See BERKOWITZ, R. A., 332
KOHN, R., NOFSINGER, K., and FREEDMAN, S. I.: Rapid recurrence of papillary squamous cell carcinoma of the canaliculus, 363
KOLESAR, P.: See RABIN, S., 530
KRACHMER, J. H.: See MEISLER, D. M., 368, 722
KRAMER, S. G.: Assessment of radial keratotomy (Edit.), 292
KRANIAS, G., and DOBBIE, J. G.: Amines in the subretinal fluid and aqueous, 672
KREISSIG, I.: See LINCOFF, H., 245, 647
KREY, H. F.: Tension lines in intraocular lenses, 378
KURZ, G. H.: See RABER, I. M., 353

L

LAIBSON, P., MICHAUD, R. E., SMOLIN, G., OKUMOTO, M., ROSENTHAL, A., and CAGLE, G.: Clinical comparison of to-

bramycin and gentamicin sulfate in the treatment of ocular infections, 836
LAIBSON, P. R.: See RABER, I. M., 353
LANDRY, R. J.: See HUMPHREY, W. T., 504
LANGWORTHY, A.: See TANI, P., 611
LASS, J.: See PAVAN-LANGSTON, D., 829
LASS, J. H., HAAF, J., FOSTER, C. S., and BELCHER, C.: Visual outcome in eight cases of *Serratia marcescens* keratitis, 384
LAW, W. N. W.: Penetrating keratoplasty for adherent leukoma of smallpox, 811
LEDERMAN, I. R.: See RESNECK, J. D., 233
LEE, J.: See JESTER, J. V., 172
LEONE, C. R., Jr.: See RUSH, A., 198
LEOPOLD, I. H.: XIII Pan American Congress of Ophthalmology, 434
LEPORE, F. E., and NISSENBLATT, M. J.: Bilateral internuclear ophthalmoplegia after intrathecal chemotherapy and cranial irradiation, 851
LEVEILLE, A. S.: See KIERNAN, J. P., 543
LIEBERMAN, N.: See CHARLES, N. C., 691
LIGHT, D. S.: See CLAYMAN, H. M., 778
LINCOFF, H., and KREISSIG, I.: Parabulbar balloon to augment a failing scleral buckle, 647
LINCOFF, H., and KREISSIG, I.: Results with a temporary balloon buckle for the repair of retinal detachment, 245
LIPPER, S.: See COHEN, K. L., 183
LIPPER, S., EIFRIG, D. E., PEIFFER, R. L., and BAGNELL, C. R.: Chorioretinal foreign body simulating malignant melanoma, 202
LOBEL, D., and BLUMENTHAL, M.: Exophthalmometry with a gauge mounted on a slit lamp, 577
LOHMAN, L. E., RAO, G. N., and AQUAVELLA, J. A.: Optics and clinical applications of wide-field specular microscopy, 43
LUCCHESE, N., and TESSLER, H.: Keratitis associated with chronic iridocyclitis, 717
LUSCOMBE, S. M.: See JAFFE, N. S., 775

M

MACHEMER, R.: Retinotomy, 768
MACHEMER, R.: See HICKINGBOTHAM, D., 121
MACHEMER, R.: See TANO, Y., 103, 110
MALBRAN, E. S.: See CROXATTO, J. O., 578
MANDELL, A. I.: See TALUSAN, E., 792
MANTHEY, R.: See HELVESTON, E. M., 279
MAULDIN, W. M., and O'CONNOR, P. S.: Crystalline retinopathy (Bietti's tapetoretinal degeneration without marginal corneal dystrophy), 640
McCALL, J. T.: See FREY, W. H., II, 559
McCOY, F. E.: See EHRENBERG, M., 422
MEISLER, D. M., BOSWORTH, D. E., and KRACHMER, J. H.: Ocular infectious mononucleosis manifested as Parinaud's oculoglandular syndrome, 722
MEISLER, D. M., KRACHMER, J. H., and GOEKEN, J. A.: Immunopathologic study of giant papillary conjunctivitis associated with an ocular prosthesis, 368
MENACHE, R.: See AVISAR, R., 555
MERZBACH, D.: See SCHARF, J. M., 21
MESHULAM, T.: See SCHARF, J. M., 21
MICHAUD, R. E.: See LAIBSON, P., 836
MICHELS, R. G.: Vitreous surgery for macular pucker, 628
MILENKOVIC, S.: See PARUNOVIC, A., 580
MILLER, D.: Management of Low Vision. by Fonda, G. E. (Bk. Rev.), 594
MILLER, N. R.: See SCHACHAT, A. P., 854
MILTON, R. C.: See NEWSOME, D. A., 396
MINDEL J. S., RUBENSTEIN, A. E., and FRANKLIN, B.: Ocular ergotamine tartrate toxicity during treatment of Vacor-induced orthostatic hypotension, 492
MIYASHIRO, J.: See JESTER, J. V., 153
MONDINO, B. J., RABB, M. F., SUGAR, J., SUNDAR RAJ, C. V., and BROWN, S. I.: Primary familial amyloidosis of the cornea, 732
MONDINO, B. J., RAO, H., and BROWN, S. I.: T and B lymphocytes in ocular cicatricial pemphigoid, 536
MORGAN, K. S., BLACK, B., ELLIS, F. D., and HELVESTON, E. M.: Treatment of congenital glaucoma, 799
MORSE, P. H.: Textbook of the Fundus of the Eye, 3rd ed., by Michaelson, I. C. (Bk. Rev.), 597
MORSE, P. H.: See PARTAMIAN, L. G., 215
MOSES, R. A.: The conventional outflow resistances, 804
MULLIKEN, J. B., and BOGER, W. P., III: Correction of anteriorly displaced medial canthus by tendon retropositioning, 846
MURRAY, J. E.: See PULIAFITO, C. A., 696

N

NAHIR, M.: See SCHARF, J. M., 21
NEGI, A., HONDA, Y., and KAWANO, S-I.: Effects of intraocular irrigating solutions on the electroretinographic b-wave, 28
NELSON, L.: See CHARLES, N. C., 691
NEWELL, F. W.: Algernon B. Reese (Obit.), 868
NEWELL, F. W.: American Ophthalmological Society 1981 Meeting, 283
NEWELL, F. W.: Casey Wood. A Bio-Bibliography, by Astbury, E. C. (Bk. Rev.), 139
NEWELL, F. W.: Coping with visual impairment (Edit.), 743
NEWELL, F. W.: Editorial promptness and THE JOURNAL (Edit.), 437
NEWELL, F. W.: Immunology of the Eye. Workshop I. Immunogenetics and Transplantation Immunity. Workshop II. Autoimmune Phenomena and Ocular Disorders. Workshop III. Immunologic Aspects of Ocular Diseases. Infection, Inflammation, and Allergy (Bk. Rev.), 746
NEWELL, F. W.: Introduction to radial keratotomy (Edit.), 286
NEWELL, F. W.: JOURNAL Editorial Board (Edit.), 126
NEWMAN, N.: Clinical Neuro-ophthalmology, by Ashworth, B., and Isherwood, I. (Bk. Rev.), 442
NEWMAN, N.: Quantitative Layer By Layer Perimetry, by Enoch, J. M., Fitzgerald, C. R. and Campos, E. C. (Bk. Rev.), 140
NEWMAN, N. M.: See STEVENS, R. A., 857
NEWSOME, D. A., MILTON, R. C., and GASS, J. D. M.: Afferent pupillary defect in macular degeneration, 396
NISSENBLATT, M. J.: See LEPORE, F. E., 851
NOFSINGER, K.: See KOHN, R., 363
NORELL, S. E.: Monitoring compliance with pilocarpine therapy, 727

O

OBEDEANU, N.: See SCHARF, J. M., 21
O'CONNOR, G. R.: See WEINREB, R. N., 16
O'CONNOR, P. S.: See MAULDIN, W. M., 640
OKUMOTO, M.: See LAIBSON, P., 836
OLSON, R. J., SEVEL, D., and STEVENSON, D.: Histopathologic study of the Choyce VIII intraocular lens, 781
OSHER, R. H., ABRAMS, G. W., YARIAN, D., and ARMAO, D.: Varix of the vortex ampulla, 653
OSTLER, H. B.: See CULBERTSON, W. W., 568
OWENS, S. L.: See HARRIS, M. J., 70

P

PABLEY, A. S., and KEENEY, A. H.: Welding processes and ocular hazards and protection, 77
PARTAMIAN, L. G., MORSE, P. H., and KLEIN, H. Z.: Herpes simplex type 1 retinitis in an adult with systemic herpes zoster, 215
PARUNOVIC, A., and MILENKOVIC, S.: Adenocarcinoma of the corneoscleral limbus, 580
PAVAN-LANGSTON, D., LASS, J., HETTINGER, M., and UDELL, I. J.: Acyclovir and vidarabine in the treatment of ulcerative herpes simplex keratitis, 829
PEIFFER, R. L.: See COHEN, K. L., 183
PEIFFER, R. L.: See LIPPER, S., 202
PODOS, S. M.: See RABIN, S., 530
POKORNY, J.: See BRESNICK, G. H., 85
POKORNY, J.: See SMITH, V. C., 594
PRUETT, R. C.: See SABATES, R., 497
PULIAFITO, C. A., WRAY, S. H., MURRAY, J. E., and BOGER, W. P., III: Optic atrophy and visual loss in craniometaphyseal dysplasia, 696

R

RABB, M. F.: See MONDINO, B. J., 732
RABER, I. M., LAIBSON, P. R., KURZ, G. H., and BERNARDINO, V. B.: *Pseudomonas* corneoscleral ulcers, 353
RABIN, S., KOLESAR, P., PODOS, S. M., and WILENSKY, J. T.: Visual field screening protocol for glaucoma, 530
RAFLO, G. T., FARRELL, T. A., and SIOUSSAT, R. S.: Complete ophthalmoplegia secondary to amyloidosis associated with multiple myeloma, 221
RAO, G. N.: See LOHMAN, L. E., 43
RAO, H.: See MONDINO, B. J., 536
REESER, F., FLEISCHMAN, J., WILLIAMS, G. A., and GOLDMAN, A.: Efficacy of argon laser photocoagulation in the treatment of circinate diabetic retinopathy, 762
RESNECK, J. D., and LEDERMAN, I. R.: Traumatic chiasmal syndrome associated with pneumocephalus and sellar fracture, 233

RIFE, L.: See JESTER, J. V., 153
ROBERTSON, D. M.: See TANI, P., 611
RODMAN, H. I.: Association of Ophthalmic Alumni of the Armed Forces Institute of Pathology—Ninth Biennial Meeting, 865
RODRIGUEZ, A. C.: See CABALLERO, L. R., 13
ROOTMAN, J.: See WYZINSKI, P., 206
ROSENTHAL, A.: See LAIBSON, P., 836
ROTHKOFF, L.: See YALON, M., 526
RUBENSTEIN, A. E.: See MINDEL J. S., 492
RUSH, A., and LEONE, C. R., Jr.: Ectopic lacrimal gland cyst of the orbit, 198
RYAN, S. J.: Association for Research in Vision and Ophthalmology—1981 Spring Meeting, 125

S

SABATES, R., PRUETT, R. C., and BROCKHURST, R. J.: Fulminant ocular toxoplasmosis, 497
SAFIR, A.: See YAMAGUCHI, T., 313
SALISBURY, J. D.: See BERKOWITZ, R. A., 332
SALZ, J.: See JESTER, J. V., 153
SASSANI, J. W., and CUTLER, J.: New application for the disposable skin biopsy punch, 737
SAVIR, H.: See AVISAR, R., 555
SCHACHAT, A. P., and MILLER, N. R.: Atrophy of myelinated retinal nerve fibers after acute optic neuropathy, 854
SCHANZLIN, D. J.: See GOLDBERG, D. B., 372
SCHANZLIN, D. J.: See JESTER, J. V., 153, 172
SCHANZLIN, D. J.: See KIERNAN, J. P., 543
SCHARF, J. A.: See SCHARF, J. M., 21
SCHARF, J. M., OBEDEANU, N., MESHULAM, T., NAHIR, M., MERZBACH, D., SCHARF, J. A., and ZONIS, S.: Influence of bromhexine on tear lysozyme level in keratoconjunctivitis sicca, 21
SCHLITZER, R. L.: See WILSON, L. A., 546
SCHWARTZ, A. L.: See TALUSAN, E., 792
SCHWARTZ, B.: See TALUSAN, E., 792
SEVEL, D.: See OLSON, R. J., 781
SHAKED, P.: See AVISAR, R., 555
SHUKLA, M., and AHUJA, O. P.: Possible relationship between lattice and snail track degenerations of the retina, 482
SIOUSSAT, R. S.: See RAFLO, G. T., 221
SMITH, R. E.: See JESTER, J. V., 153, 172
SMITH, V.: See BRESNICK, G. H., 85
SMITH, V. C.: Color Vision, by POKORNY, J. (Bk. Rev.), 594
SMOLIN, G.: See LAIBSON, P., 836
SOMMER, A.: Eye Health in South-East Asia. Vol. 1. Eye Health in Six Countries of the South-East Asia Region, May 1976; Vol. 2. Strategy for Restoring Sight to the Curable Blind, September, 1978; Vol. 3. Relief Cataract Services in the South-East Asia Region, March, 1981 (Bk. Rev.), 745
SOPELANA, A. B.: See CABALLERO, L. R., 13
STEEL, D.: See JESTER, J. V., 153
STEFANO, J. A.: See HORNBLASS, A., 193
STEVENS, R. A., and NEWMAN, N. M.: Abnormal visual-evoked potentials from eyes with optic nerve head drusen, 857
STEVENSON, D.: See OLSON, R. J., 781
STONE, R. D.: See IRVINE, A. R., 403
STRAATSMA, B. R.: Jules Stein (Obit.), 127
SUGAR, J.: See MONDINO, B. J., 732
SUNDAR RAJ, C. V.: See MONDINO, B. J., 732

T

TALUSAN, E., SCHWARTZ, B., MANDELL, A. I., SCHWARTZ, A. L., ALPER, M. G., and HELFGOTT, M.: 6-Hydroxydopamine in the treatment of open-angle glaucoma, 792
TANI, P., ROBERTSON, D. M., and LANGWORTHY, A.: Prognosis for central vision and anatomic reattachment in rhegmatogenous retinal detachment with macula detached, 611
TANO, Y., CHANDLER, D. B., and MACHEMER, R.: Retinal neovascularization after intravitreal fibroblast injection, 103
TANO, Y., CHANDLER, D. B., and MACHEMER, R.: Vascular casts of experimental retinal neovascularization, 110
TASMAN, W.: See ARENTSEN, J. J., 714
TAWARA, A., and INOMATA, H.: Developmental immaturity of the trabecular meshwork in congenital glaucoma, 508
TAYLOR, H. R.: Mechanisms of Cataract Formation in the Human Lens, by Duncan, G. (Bk. Rev.), 748
TESSLER, H.: See LUCCHESE, N., 717
THOMAS, J. V.: See HERSH, P. S., 661
THOMPSON, H. S.: See COX, T. A., 230, 685
THOMPSON, H. S.: 12th Pupil Colloquium, 435
TO'MEY, K. F., and JA'FAR, M. S.: Easy-to-make disposable irrigation-aspiration cannula, 432
TREISTER, G.: See YALON, M., 526
TREMPE, C. L.: See BRONSTEIN, M. A., 757
TRIPATHI, R. C.: See EHRENBERG, M., 422

U

UDELL, I. J., GLEICH, G. J., ALLANSMITH, M. R., ACKERMAN, S. J., and ABELSON, M. B.: Eosinophil granule major basic protein and Charcot-Leyden crystal protein in human tears, 824
UDELL, I. J.: See PAVAN-LANGSTON, D., 829
URINOWSKY, E.: See YALON, M., 526

V

VAN DER WERFF, T. J.: New single-parameter ocular rigidity function, 391
VEERHUIS, R.: See KIJLSTRA, A., 24
VENET, T.: See JESTER, J. V., 172
VON NOORDEN, G. K.: New clinical aspects of stimulus deprivation amblyopia, 416

W

WALLER, R. R.: See WILKES, S. R., 344
WALONKER, A. F., and DIDDIE, K. R.: Simulating decreased visual acuity with a contact lens system, 863
WARING, G. O., III: Radial keratotomy in perspective (Edit.), 286
WATERMAN, P. M.: Malignant hyperthermia syndrome, 461
WEINREB, R. N., YAVITZ, E. Q., O'CONNOR, G. R., and BARTH, R. A.: Lacrimal gland uptake of gallium citrate Ga 67, 16
WEINSTEIN, G. W.: See KELINSKE, M., 676
WEISS, J. F., and BELKIN, M.: Effect of penicillamine on posttraumatic vitreous proliferation, 625
WEISS, J. F.: Glucocorticosteroid inhibition of intraocular proliferation, 133
WELHAM, R. A. N.: See CALL, N. B., 842
WENTWORTH, W. O., and BRUBAKER, R. F.: Aqueous humor dynamics in a series of patients with third neuron Horner's syndrome, 407
WILENSKY, J. T.: See RABIN, S., 530
WILHELM, J. L., ZAKOV, Z. N., and HOELTGE, G. A.: Erythropheresis in treating retinal detachments secondary to sickle-cell retinopathy, 582
WILKES, S. R., CAMPBELL, R. J., and WALLER, R. R.: Ocular malformation in association with ipsilateral facial nevus of Jadassohn, 344
WILKINS, E. L.: See EIFERMAN, R. A., 328
WILKINS, R. B.: Practical Techniques in Ophthalmic Plastic Surgery, by Smith, B. C., and Nesi, F. A. (Bk. Rev.), 873
WILLIAMS, G. A.: See REESER, F., 762
WILSON, L. A., SCHLITZER, R. L., and AHEARN, D. G.: *Pseudomonas* corneal ulcers associated with soft contact-lens wear, 546
WOLLMAN, R. L.: See EHRENBERG, M., 422
WOLTER, J. R., and HANSEN, K. D.: Intimo-intimal intussusception of the central retinal artery, 486
WONG, K., AI, E., JONES, J. V., and YOUNG, D.: Visual loss as the initial symptom of systemic lupus erythematosus, 238
WOOD, W.: See WYZINSKI, P., 206
WRAY, S. H.: See PULIAFITO, C. A., 696
WYZINSKI, P., ROOTMAN, J., and WOOD, W.: Simultaneous bilateral iris metastases from renal cell carcinoma, 206

Y

YALON, M., URINOWSKY, E., ROTHKOFF, L., TREISTER, G., and BLUMENTHAL, M.: Frequency of timolol administration, 526
YAMAGUCHI, T., KAUFMAN, H. E., FUKUSHIMA, A., SAFIR, A., and ASBELL, P. A.: Histologic and electron microscopic assessment of endothelial damage produced by anterior radial keratotomy in the monkey cornea, 313
YANOFF, M.: See BEDRICK, J. J., 431
YARIAN, D.: See OSHER, R. H., 653
YAVITZ, E. Q.: See WEINREB, R. N., 16
YOUNG, D.: See WONG, K., 238

Z

ZAIDMAN, G. W., and BROWN, S. I.: Orally administered tetracycline for phlyctenular keratoconjunctivitis, 178
ZAIDMAN, G. W.: See JOHNSON, B. L., 49
ZAKOV, Z. N.: See DREYER, W. B., Jr., 816
ZAKOV, Z. N.: See WILHELM, J. L., 582
ZEGARRA, H.: See DREYER, W. B., Jr., 816
ZONIS, S.: See SCHARF, J. M., 21

ABSTRACT INDEX

A

Acetylcholine
Effect of plasmapheresis on post-thymectomy ocular dysfunction, 751
Adenovirus
Adenovirus eye infections in an Australian city, 305
Allergy
Clinical features and diagnosis of adult atopic keratoconjunctivitis and the effect of treatment with sodium cromoglycate, 879
Treatment of ragweed allergic conjunctivitis with 2% cromolyn solution in unit doses, 877
Amaurosis fugax
Anomalous origin of the ophthalmic artery in a patient with amaurosis fugax, 878
Amblyopia
Evaluation of the CAM treatment for amblyopia. A controlled study, 145
Aneurysm
Giant aneurysms of the carotid system presenting as visual field defect, 752
Natural history of unruptured intracranial aneurysms, 146
Anisocoria
Explained unexplained anisocoria, 305
Anophthalmia
Clinical anophthalmia, 304
Anterior chamber
Argon laser treatment of the anterior chamber angle for increased intraocular pressure, 600
Anterior pathway
Reduced contrast sensitivity in compressive lesions of the anterior visual pathway, 604
Antigen
Iridocyclitis in black Americans. Association with HLA B8 suggests an autoimmune aetiology, 602
Aphakia
Epinephrine distribution after topical administration to phakic and aphakic eyes, 449
Arden grating test
Aging and low-contrast vision. Face perception, 880
Arginine
Gyrate atrophy of the choroid and retina. Improved visual function following reduction of plasma ornithine by diet, 754
Arteriography
Use of combined oculoplethysmography, carotid phonoangiography and Doppler in the non-invasive diagnosis of extracranial carotid occlusive disease, 882
Arteritis
Survival in temporal arteritis, 308

B

Biometry
Ultrasonic biometry of the posterior ocular coats, 450
Blindness
Acute cortical blindness associated with hypoglycemia, 604
Blink
Light-stimulus-evoked blink reflex. Methods, normal values, relation to other blink reflexes, and observations in multiple sclerosis, 146
Bromocriptine
No effect of bromocriptine in acromegaly. A controlled trial, 753

C

***Candida* sp.**
Chemotherapy of experimental endogenous *Candida albicans* endophthalmitis, 449
Cannabinoid
Impaired speed of visual information processing in marijuana intoxication, 750
Carotid artery
Anomalous origin of the ophthalmic artery in a patient with amaurosis fugax, 878
Giant aneurysms of the carotid system presenting as visual field defect, 752
Ischemic oculopathy. A manifestation of carotid artery disease, 750
Use of combined oculoplethysmography, carotid phonoangiography and Doppler in the non-invasive diagnosis of extracranial carotid occlusive disease, 882
Cataract
Biochemical evidence for membrane disintegration in human cataracts, 754
Change in indications for cataract surgery? A ten-year comparative epidemiologic study, 600
Extracapsular cataract extraction and pseudophakos implantation in primates. A clinico-pathologic study, 448
Certification
Board-certified physicians in the United States, 147
Chiasm
Visual evoked potentials in chiasmal gliomas in four adults, 878
Children
Etiology of acute conjunctivitis in children, 603
Gliomas of the intracranial anterior optic pathways in children, 147
Recurrent painless oculomotor palsy in children. A variant of ophthalmoplegic migraine?, 303
Vertical orbital dystopia—surgical correction, 307
***Chlamydia* sp.**
Erythromycin ointment for ocular prophylaxis of neonatal chlamydial infection, 145
Choroid
Choroidal neovascularization after cryoapplication, 142
Gyrate atrophy of the choroid and retina. Improved visual function following reduction of plasma ornithine by diet, 754
Myopathy in hyperornithinemic gyrate atrophy of choroid and retina, 752
Peripheral exudative hemorrhagic chorioretinopathy, 445
Color vision
Behavioural and microspectrophotometric measurements of colour vision in monkeys, 880
Incidence of color blindness in Iraqi Arabs, 304
Retinal bipolar cells with double colour-opponent receptive fields, 880
Computed tomography
Unusual case of visual perseveration, 752
Congenital disorders
Arnold-Chiari malformation. Improvement in the eye movements after surgical treatment, 601
Conjunctiva
Clinical features and diagnosis of adult atopic keratoconjunctivitis and the effect of treatment with sodium cromoglycate, 879
Conjunctival melanomas. Prognostic factors. A review and an analysis of a series, 446
Conjunctivitis
Etiology of acute conjunctivitis in children, 603
Treatment of ragweed allergic conjunctivitis with 2% cromolyn solution in unit doses, 877
Contrast sensitivity
Aging and low-contrast vision. Face perception, 880
Reduced contrast sensitivity in compressive lesions of the anterior visual pathway, 604
Cornea
Clinical features and diagnosis of adult atopic keratoconjunctivitis and the effect of treatment with sodium cromoglycate, 879
Diurnal variation in human corneal thickness, 305
New directions in eye banking, 450
Prolonged donor cornea preservation in organ culture. Long-term clinical evaluation, 447
Transplantation immunology of penetrating keratoplasty, 450
Ultrastructure of Groenouw II type corneal dystrophy, 306
Cortical blindness
Cortical blindness and homonymous hemianopia in the postpartum period, 305
Scintigraphic appearance of Anton's syndrome, 146
Corticosteroid
Multiple ischemic infarctions in the retina and uvea due to cristalline corticosteroid emboli:ms following subcutaneous facial injections, 306
Visual loss after intranasal corticosteroid injection, 879
Cromolyn
Treatment of ragweed allergic conjunctivitis with 2% cromolyn solution in unit doses, 877
Cryotherapy
Choroidal neovascularization after cryoapplication, 142
Histopathologic evaluation of adhesive properties of early lesions in diathermy and cryopexy, 144
Cyclopentolate
Psychotic reaction in an adult after topical cyclopentolate, 307

Cystoid macular edema
Aqueous prostaglandins in persistent cystoid macular edema secondary to vitreous incarceration. Effects of pars plana vitrectomy, 304
Histopathology of cystoid macular edema, 142

D

Diabetes
Increased adhesion of erythrocytes to endothelial cells in diabetes mellitus and its relation to vascular complications, 753
Diabetic retinopathy
Medical correlates and diabetic retinopathy screening, 307
Metabolism of fibrinogen and plasminogen related to diabetic retinopathy in man, 879
Morbidity and mortality in patients with diabetic retinopathy, 308
Platelet aggregation and coagulation in the pathogenesis of diabetic retinopathy in rats, 751
Reversal of diabetic retinopathy by continuous subcutaneous insulin infusion, 602
Diathermy
Histopathologic evaluation of adhesive properties of early lesions in diathermy and cryopexy, 144
Down's syndrome
Ocular findings in Down's syndrome, 449

E

Edema
Aqueous prostaglandins in persistent cystoid macular edema secondary to vitreous incarceration. Effects of pars plana vitrectomy, 304
Histopathology of cystoid macular edema, 142
Emboli
Visual loss after intranasal corticosteroid injection, 879
Embolism
Multiple ischemic infarctions in the retina and uvea due to cristalline corticosteroid embolisms following subcutaneous facial injections, 306
Unilateral internuclear ophthalmoplegia due to angiographic embolism through a primitive trigeminal artery, 605
Emmetropia
Emmetropization. A vision-dependent phenomenon, 145
Endophthalmitis
Chemotherapy of experimental endogenous *Candida albicans* endophthalmitis, 449
Endophthalmitis caused by *Petriellidium boydii*, 601
Endothelium
Increased adhesion of erythrocytes to endothelial cells in diabetes mellitus and its relation to vascular complications, 753
Enucleation
Early removal of one eye reduces normally occurring cell death in remaining eye, 881
Migrainous visual symptoms in a woman without eyes, 878
Epinephrine
Epinephrine distribution after topical administration to phakic and aphakic eyes, 449
Erythrocyte
Increased adhesion of erythrocytes to endothelial cells in diabetes mellitus and its relation to vascular complications, 753
Erythromycin
Erythromycin ointment for ocular prophylaxis of neonatal chlamydial infection, 145
Eyelid
Disappearance of the eyelid reflex, 143
Light-stimulus-evoked blink reflex. Methods, normal values, relation to other blink reflexes, and observations in multiple sclerosis, 146
Retraction of the eyelids secondary to thyroid ophthalmopathy—its surgical correction with sclera and the fate of the graft, 447

F

Familial dysautonomia
Pupil in familial dysautonomia, 605

G

Genetics
Animal model of human diseases. Primary open angle glaucoma. Inherited primary open angle glaucoma in the beagle, 143
Doyne's macular heredodystrophy and benign monoclonal gammopathy. Genetic and pathogenetic correlations, 603
Incidence of color blindness in Iraqi Arabs, 304
Inherited retinal dystrophy in RCS rats. A deficiency in vitamin A esterification in pigment epithelium, 880
Juvenile Niemann-Pick disease with vertical supranuclear ophthalmoplegia, 878
Nerve deafness, optic nerve atrophy, and dementia. A new X-linked recessive syndrome?, 750
Ocular pigmentary disturbance of human Chediak-Higashi syndrome, 601
Pupil in familial dysautonomia, 605
Retinal dialysis. A statistical and genetic study to determine pathogenic factors, 448
Retinitis pigmentosa, metaphyseal chondrodysplasia, and brachydactyly. An affected brother and sister, 146
Stickler's syndrome, 600
X-linked form of myopia, 752
Glaucoma
Animal model of human diseases. Primary open angle glaucoma. Inherited primary open angle glaucoma in the beagle, 143
Bronchospasm precipitated by ophthalmic instillations of timolol, 877
Fine structure of trabecular meshwork and iris in pigmentary glaucoma, 142
Nadolol and labetalol. Comparative efficacy of two beta-blocking agents in glaucoma, 600
Glioblastoma
Progressive visual loss due to glioblastoma. Normal neuroroentgenographic studies, 144
Glioma
Gliomas of the intracranial anterior optic pathways in children, 147
Visual evoked potentials in chiasmal gliomas in four adults, 878
Growth factor
Epidermal growth factor. In vivo ocular studies, 447
Gyrate atrophy
Gyrate atrophy of the choroid and retina. Improved visual function following reduction of plasma ornithine by diet, 754
Myopathy in hyperornithinemic gyrate atrophy of choroid and retina, 752

H

Hemianopia
Cortical blindness and homonymous hemianopia in the postpartum period, 305
Migrainous visual symptoms in a woman without eyes, 878
Removal of occipital arteriovenous malformations with sparing of visual fields, 877
Herpes zoster
Administration of levodopa for relief of herpes zoster pain, 603
Hemispheric infarction after herpes zoster ophthalmicus. Computed tomography and angiography, 753
HLA antigen
Iridocyclitis in black Americans. Association with HLA B8 suggests an autoimmune aetiology, 602
Hyperornithinemia
Myopathy in hyperornithinemic gyrate atrophy of choroid and retina, 752
Hypertelorism
Vertical orbital dystopia—surgical correction, 307
Hypertriglyceridemia
Ophthalmological complications of the hypertriglyceridaemias, 308

I

Infants
Development of human fetal eye movement patterns, 881
Erythromycin ointment for ocular prophylaxis of neonatal chlamydial infection, 145
Prevalence of *Toxocara canis* in babies and in adults as determined by the ELISA test, 445
Rapid eye movement storms in infants. Rate of occurence at 6 months predicts mental development at 1 year, 755
Retinopathy of prematurity/idiopathic fibroplasia, 604
Intraocular lens
Extracapsular cataract extraction and pseudophakos implantation in primates. A clinico-pathologic study, 448
Refractive keratoplasty with intrastromal hydrogel lenticular implants, 603
Intraocular pressure
Argon laser treatment of the anterior chamber angle for increased intraocular pressure, 600
Effect of suxamethonium on intraocular pressure, 877
Iridocyclitis
Iridocyclitis in black Americans. Association with HLA B8 suggests an autoimmune aetiology, 602
Iris
Fine structure of trabecular meshwork and iris in pigmentary glaucoma, 142
Ischemia
Ischemic oculopathy. A manifestation of carotid artery disease, 750
Metabolism of fibrinogen and plasminogen related to diabetic retinopathy in man, 879

Multiple ischemic infarctions in the retina and uvea due to cristalline corticosteroid embolisms following subcutaneous facial injections, 306

K

Keratoconjunctivitis
Clinical features and diagnosis of adult atopic keratoconjunctivitis and the effect of treatment with sodium cromoglycate, 879
Keratoplasty
Refractive keratoplasty with intrastromal hydrogel lenticular implants, 603

L

Laser
Argon laser treatment of the anterior chamber angle for increased intraocular pressure, 600

M

Macula
Aqueous prostaglandins in persistent cystoid macular edema secondary to vitreous incarceration. Effects of pars plana vitrectomy, 304
Doyne's macular heredodystrophy and benign monoclonal gammopathy. Genetic and pathogenetic correlations, 603
Histopathology of cystoid macular edema, 142
Melanoma
Conjunctival melanomas. Prognostic factors. A review and an analysis of a series, 446
Metastatic disease from uveal melanomas, 307
Motility
Development of human fetal eye movement patterns, 881
Eye-tracking patterns in schizophrenia. An analysis based on the incidence of saccades, 144
Ocular dipping in anoxic coma, 750
Rapid eye movement storms in infants. Rate of occurence at 6 months predicts mental development at 1 year, 755
Saccades of hyperactive and normal boys during ocular pursuit, 751
Multiple sclerosis
Light-stimulus-evoked blink reflex. Methods, normal values, relation to other blink reflexes, and observations in multiple sclerosis, 146
Myasthenia gravis
Effect of plasmapheresis on post-thymectomy ocular dysfunction, 751
Myopia
X-linked form of myopia, 752

N

Neovascularization
Choroidal neovascularization after cryoapplication, 142
Niemann-Pick disease
Juvenile Niemann-Pick disease with vertical supranuclear ophthalmoplegia, 878
Nystagmus
Dissociated vertical deviation. A clinical and laboratory study, 448

O

Ocular bobbing
Inverse ocular bobbing, 143
Oculomotor nerve
Recurrent painless oculomotor palsy in children. A variant of ophthalmoplegic migraine?, 303
Open-angle glaucoma
Animal model of human diseases. Primary open angle glaucoma. Inherited primary open angle glaucoma in the beagle, 143
Ophthalmic artery
Anomalous origin of the ophthalmic artery in a patient with amaurosis fugax, 878
Ophthalmoplegia
Juvenile Niemann-Pick disease with vertical supranuclear ophthalmoplegia, 878
Reversible bilateral internuclear ophthalmoplegia due to head trauma, 752
Unilateral internuclear ophthalmoplegia due to angiographic embolism through a primitive trigeminal artery, 605
Optic disk
Computer image analysis of the optic disc, 754
Optic nerve
Multiple regression analysis of diagnostic predictors in optic nerve disease, 303
Nerve deafness, optic nerve atrophy, and dementia. A new X-linked recessive syndrome?, 750
Optic pathway
Gliomas of the intracranial anterior optic pathways in children, 147
Orbit
Loss of vision associated with surgical treatment of zygomatic-orbital floor fracture, 881
Randomized comparison of four incisions for orbital fractures, 881
Vertical orbital dystopia—surgical correction, 307

P

Pars plana vitrectomy
Aqueous prostaglandins in persistent cystoid macular edema secondary to vitreous incarceration. Effects of pars plana vitrectomy, 304
Penetrating keratoplasty
Transplantation immunology of penetrating keratoplasty, 450
Photoreceptor cell
Behavioural and microspectrophotometric measurements of colour vision in monkeys, 880
Pigment epithelium
Inherited retinal dystrophy in RCS rats. A deficiency in vitamin A esterification in pigment epithelium, 880
Ocular pigmentary disturbance of human Chediak-Higashi syndrome, 601
Platelet
Platelet aggregation and coagulation in the pathogenesis of diabetic retinopathy in rats, 751
Prednisone
Effect of plasmapheresis on post-thymectomy ocular dysfunction, 751
Prostaglandin
Aqueous prostaglandins in persistent cystoid macular edema secondary to vitreous incarceration. Effects of pars plana vitrectomy, 304
Psoralen
Eye protection in psoralen photochemotherapy, 305
Ocular side effects of psoriasis therapy, 306
Pupil
Pupil in familial dysautonomia, 605

R

Radiation therapy
Malignant metastatic disease of the eye, 144
Rectus muscle
Anatomical reevaluation of rectus muscle insertions, 445
Research methods
Clinical research methodology in ophthalmology, 449
Retina
Borna disease virus-induced retinouveitis treated with immunosuppressive drugs, 142
Early removal of one eye reduces normally occurring cell death in remaining eye, 881
Gyrate atrophy of the choroid and retina. Improved visual function following reduction of plasma ornithine by diet, 754
Inherited retinal dystrophy in RCS rats. A deficiency in vitamin A esterification in pigment epithelium, 880
Multiple ischemic infarctions in the retina and uvea due to cristalline corticosteroid embolisms following subcutaneous facial injections, 306
Myopathy in hyperornithinemic gyrate atrophy of choroid and retina, 752
Peripheral exudative hemorrhagic chorioretinopathy, 445
Retinal bipolar cells with double colour-opponent receptive fields, 880
Retinal breaks caused by blunt nonperforating trauma at the point of impact, 446
Retinal dialysis. A statistical and genetic study to determine pathogenic factors, 448
Retinopathy of prematurity/idiopathic fibroplasia, 604
Stickler's syndrome, 600
Visual loss after intranasal corticosteroid injection, 879
Retinal detachment
Circulatory changes in the eye associated with retinal detachment and its repair, 446
Retinal detachment surgery without cryotherapy, 602
Retinitis pigmentosa
Retinitis pigmentosa, metaphyseal chondrodysplasia, and brachydactyly. An affected brother and sister, 146
Retinoblastoma
Migrainous visual symptoms in a woman without eyes, 878
Retinopathy
Medical correlates and diabetic retinopathy screening, 307
Metabolism of fibrinogen and plasminogen related to diabetic retinopathy in man, 879
Morbidity and mortality in patients with diabetic retinopathy, 308

Platelet aggregation and coagulation in the pathogenesis of diabetic retinopathy in rats, 751
Reversal of diabetic retinopathy by continuous subcutaneous insulin infusion, 602
Retrolental fibroplasia
Retinopathy of prematurity/idiopathic fibroplasia, 604

S

Saccades
Eye-tracking patterns in schizophrenia. An analysis based on the incidence of saccades, 144
Saccades of hyperactive and normal boys during ocular pursuit, 751
Sclera
Retraction of the eyelids secondary to thyroid ophthalmopathy—its surgical correction with sclera and the fate of the graft, 447
Strabismus
Dissociated vertical deviation. A clinical and laboratory study, 448
Prior strabismus protects kitten cortical neurons from the effects of monocular deprivation, 602
Succinylcholine
Effect of suxamethonium on intraocular pressure, 877

T

Tear
Histopathologic evaluation of adhesive properties of early lesions in diathermy and cryopexy, 144
Timolol maleate
Bronchospasm precipitated by ophthalmic instillations of timolol, 877
***Toxocara* sp.**
Prevalence of *Toxocara canis* in babies and in adults as determined by the ELISA test, 445
Trabecular meshwork
Fine structure of trabecular meshwork and iris in pigmentary glaucoma, 142
Trigeminal artery
Unilateral internuclear ophthalmoplegia due to angiographic embolism through a primitive trigeminal artery, 605

U

Uvea
Borna disease virus-induced retinouveitis treated with immunosuppressive drugs, 142
Metastatic disease from uveal melanomas, 307
Multiple ischemic infarctions in the retina and uvea due to cristalline corticosteroid embolisms following subcutaneous facial injections, 306

V

Vertical deviation
Dissociated vertical deviation. A clinical and laboratory study, 448
Visual cortex
Metabolic mapping of the brain's response to visual stimulation, 754
Visual-evoked potential
Visual evoked potentials in chiasmal gliomas in four adults, 878
Visual field
Giant aneurysms of the carotid system presenting as visual field defect, 752
Removal of occipital arteriovenous malformations with sparing of visual fields, 877
Visual loss
Loss of vision associated with surgical treatment of zygomatic-orbital floor fracture, 881
Progressive visual loss due to glioblastoma. Normal neuroroentgenographic studies, 144
Visual loss after intranasal corticosteroid injection, 879
Visual perseveration
Unusual case of visual perseveration, 752
Vitamin A
Inherited retinal dystrophy in RCS rats. A deficiency in vitamin A esterification in pigment epithelium, 880
Vitrectomy
Aqueous prostaglandins in persistent cystoid macular edema secondary to vitreous incarceration. Effects of pars plana vitrectomy, 304
Vitreous
Aqueous prostaglandins in persistent cystoid macular edema secondary to vitreous incarceration. Effects of pars plana vitrectomy, 304
Stickler's syndrome, 600